THE CHEMIST AND DRUGGIST

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UNDER EMINENT SCIENTIFIC CONTROL.

"APENTA"

THE BEST NATURAL APERIENT WATER

TRADE PRICES, per Case:

25 Large Bottles, 20/-; 50 Small Bottles, 32/6; 100 Quarter Bottles, 32/6 { *Carriage paid to any Railway Station in the United Kingdom.*

5 per cent. Discount upon Orders for 10 Cases.

TERMS:—Six Months' Credit from date of Invoice, Net Cash.

The retail prices printed on the labels are **1/3** per large bottle, **1/-** per small bottle, and **6d.** per quarter bottle.

THE APOLLINARIS COMPANY, LIMITED, 4 STRATFORD PLACE, OXFORD STREET, LONDON, W.

Allen & Hanburys,

MANUFACTURERS OF

Flexible Gelatine Capsules.

SPECIAL ADVANTAGES.

(*a*) **Freedom from Smell.**—Long experience in gelatine coating has enabled us to put forward a Capsule which, whilst being quickly and perfectly soluble, is not permeable to the odour of the drug—a point of great advantage.

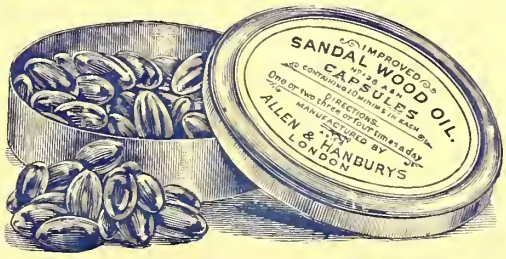
(*b*) **No Contraction or Shrinkage.**—The Capsules, being entirely filled with medicament, do not shrink and become unsightly, as is usually the case.

(*c*) **Flexibility and Solubility.**—The Capsules retain their flexibility for any length of time, and are always readily soluble.

(*d*) **Do not Adhere.**—Although very soft and flexible, they do not stick together even in hot weather.

Capsules form a ready means for the administration of nauseous medicines, and, from their shape and flexibility, they can be readily swallowed by patients who experience a difficulty in taking pills.

The greatest care is taken to insure accurate manipulation, and no pains are spared to make the finished product as perfect as possible, whilst we trust that the fact of these goods being of our own manufacture will inspire confidence in our customers as to the reliability of their contents.



Put up in convenient tin boxes at 1/-, 2/6, and 4/6 each, or 8/-, 21/-, and 40/- per dozen to the trade, subject to the usual discount.

ALSO IN BULK.

Allen & Hanburys Ltd., Plough Court, Lombard Street, London.

Laboratories & Warehouse: Bethnal Green, London, E. *Australian Agency:* 484 Collins St., Melbourne.

Exchange Column, *Coloured Supplement.*

Index to Advertisements, pp. 11–13 (bottom folios).

MAY & BAKER, LIMITED

Telegraphic Address—"BISMUTH LONDON."
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ESTABLISHED
OVER 60 YEARS.

Telephone
No. "3, BATTERSEA."

CAMPHOR.

M. & B. TRANSPARENT TABLETS

(SUBLIMED, NOT COMPRESSED).

MERCURIALS. ETHERS. BISMUTH SALTS.

PURE FRUIT ESSENCES.

PHOTOGRAPHIC CHEMICALS.

PERCHLORIDE OF IRON, NITRIC ACID, &c.

Specially Prepared for **PROCESS WORK.**

CYANIDE OF POTASSIUM (JOHNSON'S QUALITY.)

NICKEL SALTS, ACIDS, AND ALL PLATING CHEMICALS.

GARDEN WHARF, CHURCH ROAD,

STEAMBOAT PIER,
BATTERSEA SQUARE.

BATTERSEA, S.W.

NEAREST STATION,
OLD BATTERSEA STATION,
West London Extension Railway.

THE CHEMIST & DRUGGIST SUPPLEMENT.

SATURDAY, JULY 10, 1897.

Businesses for Disposal
Businesses Wanted
Premises to Let
Auction Sales

ALSO EXCHANGE COLUMN.

For Bargains see last page of this Supplement.

Partnerships
Situations Vacant
Situations Wanted
Miscellaneous

A Copy of this Supplement is inserted in every number issued of "The Chemist and Druggist."

The Man who pays 1/- or 3/6

for an advertisement in this Supplement has to pay cash; so he becomes an exceptionally critical person in respect to the value of the advertisement. That is a fair statement. Now, what do we find? Advertisers tell us their results—ten, twenty, thirty or more replies, summed up in the five words—"Suited; don't repeat the ad." And alongside that there is the fact that this Supplement has grown from a modest thing with a dozen advertisements in it to the present proportions.

The growth has been as gradual as phenomenal, which is the best proof that it is based on a sound foundation—extensive circulation and quick returns. When you want to advertise, please remember

"The Chemist and Druggist" Supplement.

CHEMISTS' TRANSFERS.

MESSRS. ORRIDGE & CO., 32 LUDGATE HILL, E.C.

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

VENDORS have the advantage of Messrs. O. & Co.'s direct attention and advice as to value without additional fee.
PURCHASERS are invited to forward a statement of their requirements, which will be notified in a register free of charge.
VALUATIONS having always been a prominent feature, Messrs. O. & Co. trust that the lengthened period during which they have enjoyed the confidence of the profession will be regarded as a sufficient proof of the sincerity of their endeavours to conduct these transactions in an honourable and straightforward manner.

1.—£1,750.—**LONDON, S.W.**—First-class Dispensing Business and high-class Retail; returns between £1,700 and £1,750; *profit over* £625 *yearly*; very handsome shop and commanding position; immediate introduction will be given to bonâ-fide applicants forwarding London references; price to be arranged.

2.—£1,000.—**KENSINGTON.**—Dispensing and Retail, all high-class; residential locality; returns £1,000 yearly; very handsome shop and large stock; good residence, all in perfect repair; particulars will be furnished on application.

3.—£650.—**LONDON. N.W.**—Good-class Retail and Dispensing Business, situate in a main road with large traffic; returns, under management, £650; *full profits*; commodious and convenient house; all open to inspection; price about £550.

4.—£1,000.—**LONDON SUBURB (South).**—Good-class Business, well situated in a good-class locality; handsomely-fitted shop and good stock; the returns increase steadily—present £1,000; good house and garden; price required between £850 and £875.

5.—£650.—**LONDON, E.**—Retail and Prescribing Business for immediate Disposal; vendor giving up drug business; returns, under manager, £650; *net profit* £250; bonâ-fide business includes a Proprietary; house can easily be let if wished; low price will be accepted.

6.—£300.—**LONDON (Central).**—Nucleus; Retail and Prescribing; present return, under assistant, £5 to £6 per week, *all profitable work*; the shop is situate opposite to a large institution; house contains 8 rooms, rent low; vendor will accept valuation of stock and fixtures, about £150.

7.—£600.—**LONDON (Busy Main Road).**—Ready-money Retail; £600 yearly; capital position for branch business; very large stock, all good; the position is undeniable; price to be arranged; valuation if wished.

8.—£400.—**BIRMINGHAM (Suburban).**—Retail and Dispensing Business, capitally situated; present returns at the rate of £400 yearly, improving; well-fitted double-fronted shop, and good stock; house contains 7 or 8 rooms, with large garden attached; very moderate rental; price £250.

9.—£1,500.—**PARTNERSHIP.**—A vacancy offers for a good man of business acquainted with Retail; the Business is both Wholesale and Retail, and rapidly expanding; situate in provincial town; the incomer must be prepared with about £1,500; full particulars will be furnished on application; references required.

10.—£850.—**WITHIN EASY DISTANCE OF LONDON (North).**—Good-class Business; population of town and district 10,000; the returns amount to £850 yearly; *no cutting, profits exceptionally good*; capital position; good house, with very nice garden; rent very moderate; price £700.

11.—£800.—**SOUTH COAST (Watering-place).**—Retail and Dispensing Business, situate in good-class locality; returns last year nearly £800; convenient modern house, and well-fitted shop; about £500 required.

12.—£1,000.—**CATHEDRAL TOWN (South).**—Dispensing and Family trade; returns £1,000 yearly; *profits fully up to average*; handsomely-fitted shop and good stock; commodious house; private entrance; held on lease; inspection invited by bona-fide purchasers; price £900.

13.—£650.—**HOME COUNTY** (Easy distance from London).—Retail and Mixed Business; good facilities for expansion by a good business man; returns between £650 and £700; price about £500.

14.—£1,000.—**BIRMINGHAM (near).**—Mixed Business; present rate about £1,000 yearly; last year £800, largely from proprietaries; the shop is well stocked and has plate-glass front; rent low; price about £650, or valuation.

Particulars of any of the above will be furnished on application.

N.B.—NO CHARGE TO PURCHASERS.

TERMS FOR VALUATION ON APPLICATION. APPOINTMENTS BY POST OR WIRE HAVE IMMEDIATE ATTENTION.
Messrs. ORRIDGE & Co. invite communications from COLONIAL and FOREIGN firms where business of a confidential nature requires the especial attention of a London Agent.

SPECIAL NOTICE.—**Messrs. ORRIDGE & CO. have a large number of Businesses for Sale suitable for Gentlemen with Small Capital, from £200 to £500.**

ORRIDGE & CO., 32 LUDGATE HILL, LONDON, E.C.

F. J. BRETT

VALUER,

37 Waterloo Street, LEICESTER.

References to Principal London and Provincial Wholesale Houses, also to numerous clients throughout the United Kingdom.

BUSINESSES THOROUGHLY INVESTIGATED FOR BUYERS.

NO CHARGE TO BUYERS.

£940 returns—**DEVON.**—Light Retail, in principal street of fashionable seaside resort; well suited for up-to-date trade; price £550.

£600 returns.—**STAFFS.**—Death Vacancy.—Light Retail, in main street of busy town; pushing man would do well; price about £500.

£1,500 returns.—**POTTERIES.**—Usual Retail for the district, with local Wholesale; good introduction given; price about £900.

£740 returns.—**CUMBERLAND.**—General Retail, in busy town; price about £500.

WHOLESALE.—LANCASHIRE.—Old-established Business, having a large proportion of own Preparations, Patents, and Packed Goods; in thorough working order, and yielding a net profit of about £600 per annum; price of goodwill, plant, fixtures, patents, trade marks, &c., &c., £700, and stock at valuation, about £1,200, or, if desired, valuation of the whole could be arranged and a third remain on security; applicants must enclose references.

£900 returns.—**BEDS.**—Good class Country retail, with no Stores near: short hours and no Sunday duty; excellent residence and premises, with large garden; net profit about £300; price £750.

£1,600 returns.—**S. WALES.**—General old-established Mixed Retail for sale in consequence of failing health of vendor; energetic man would find in this ample scope for increase; net profit about £450; price about £1,200.

£1,200 returns.—**LINCOLNSHIRE.**—Fine shop in good position of large town; good-class trade; vendor retiring; price about £850.

£700 returns.—**LEICESTER.**—Good medium-class Retail; well-fitted shop; business capable of considerable increase; price £350, value of stock and fixtures.

£600 returns.—**BERKS.**—Good-class Light Retail in pretty locality; good house, yard, and garden; there is also appointment besides the returns given, producing £100 per annum; price £600.

Vendors of good businesses can be at once supplied with buyers by F. J. BRETT.

VALUATIONS.

F. J. BRETT has been well known for many years throughout England and Wales as a reliable Valuer, and his extensive experience in all branches of the trade renders his services equally valuable to Vendors and Buyers.

BERDOE & CO.

CHEMISTS' TRANSFER AGENTS AND VALUERS,

35 JEWRY STREET, FENCHURCH STREET, E.C.

Established 1870.

1.—**KENT.**—Market town, population 12,000; Light Retail, Dispensing, and Prescribing trade; returns £15 weekly; established 70 years; never changed hands; now neglected under management; price £525

2.—**HAMPSHIRE.**—Through serious illness; opened 6 months; excellent position in High Street of important town; owner being ordered entire rest, will accept valuation of stock and fixtures, about £225.

3.—**WILTSHIRE.**—Small market town; Light Retail and Prescribing Business; returns £8 weekly, capable of considerable increase; rent £25, good house; well fitted and stocked; price £275.

4.—**DORSET.**—Light Retail, Dispensing, and Prescribing Business; returns £1,100 under management; rent £45; 21 years' lease: good house and garden; same hands 28 years; price £900.

5.—**WORCESTERSHIRE.**—Light Retail and Prescribing Business; returns £950, profits about 40 per cent.; rent £30; convenient house, with garden; well-fitted shop, and well-stocked; price £525; well recommended.

6.—**ESSEX.**—Main line of rail, 15 miles from London; unopposed; population 4,000; Retail and Prescribing trade; returns £500 under management; rent under £20; price £360.

7.—**YARMOUTH.**—Retail, Dispensing, and Prescribing Business; returns £720, can be doubled; best position in the town; low rent; valuable lease; price £550, or valuation of stock and fixtures.

8.—**LONDON, W. (Few Miles Out).**—Light Retail, Dispensing, and Prescribing Business; returns £1,150; net profit £425; rent £50; good house; shop is well fitted and heavily stocked; price £900.

9.—**LONDON, N.**—Good-class Light Retail and Dispensing Business; returns £700; shop is elegantly fitted and well stocked; capital position; price £550.

10.—**LONDON, W.**—High-class Dispensing Business; until recently doing £1,000; now doing £600 under management, can do £1,000 again under principal; solely through illness; price £400.

Particulars of any of the above and others free on application.

NOTICE.

Gentlemen doing business through Messrs Berdoe have the advantage of their 27 years' experience, during which time they have been solely engaged in selling and valuing Chemists' Businesses. All valuations personally conducted.

NO CHARGE TO PURCHASERS.

35 JEWRY ST., FENCHURCH ST., CITY.

JUDD & MANNERS

Chemists' Valuers, Transfer Agents, & Accountants,

76 CANNON STREET, LONDON, E.C.

VALUATIONS made for Probate or Transfer by a fully qualified member of the firm. Books Audited, Balance Sheets Prepared and Chartered Accountants' Certificate given.

Terms (moderate) on application.

GLOUCESTERSHIRE. An old-established Country trade in centre of a busy market town, doing about £700 a year, for immediate disposal; the net profit is about £300; price £675.

MIDDLESEX.—Good Retail and Dispensing trade, doing about £1,000 yearly; price £750; good house and handsome pharmacy.

MIDLANDS (South).—A good old Country trade, with first-class residence and nice garden; returns nearly £900; net profit about 33 per cent.; price £750; we strongly recommend this as a sound investment.

ESSEX.—Light Retail and Prescribing trade, to which Dentistry might be added with advantage; returns £950; price £800; first-rate house.

Full particulars of any of the above sent free on application.

VALUATIONS A SPECIALITY.

FERGUSON & OSBORNE

PHARMACEUTICAL CHEMISTS,

CHEMISTS' VALUERS AND TRANSFER AGENTS.

25 YEARS' PRACTICAL EXPERIENCE

NO CHARGE TO PURCHASERS.

All VALUATIONS and STOCKTAKINGS are conducted personally by the Principals. Terms on application.

1.—**SEASIDE.**—Well-fitted shop, central position; good residence; returns £750; price £525.

2.—**NORTHERN SEAPORT.**—General Retail, Prescribing, Shipping, &c.; large and commodious premises; net profit about £300; price £940.

3.—**LONDON (Central Position), S.W.**—Retail, Dispensing, and Prescribing; 8-roomed house, private entrance; returns £500; valuable lease; price £200.

4.—**SEASIDE.**—Returns £800; price £675; good house, with private entrance.

5.—Unopposed (**near LONDON**).—Population about 4,000; returning over £500, can be rapidly increased; price £360.

Particulars on application.

56 CHEAPSIDE, LONDON, E.C.

(Next Door to Bow Church.)

THOMAS TOMLINSON & SON,

M.P.S.,

Chemists' Transfer Agents and Valuers,

9 NEW CANNON STREET, MANCHESTER.

44 YEARS' EXPERIENCE.

Valuations Conducted with careful attention to detail.

BUSINESS WANTED.—Thomas Tomlinson & Son, having on their books an extensive list of gentlemen who have entrusted them with commissions to look up a good genuine Business, intending sellers can rely upon being at once with all despatch put into communication with bonâ-fide buyers without publicity and the annoyance of answering "curiosity" applications. **No charge made unless Sale is effected**

BUSINESSES FOR DISPOSAL of various classes and amounts of returns ranging from £200 to £4,000. Particulars given to bonâ-fide applicants stating outline of requirements.

Have constant inquiries for REGISTERED ASSISTANTS.

Applicants introduced free.

NO CHARGE TO PURCHASERS

Telegraphic Address—"TOMTOM."

APPRENTICESHIPS.

APPRENTICE in good-class up-to-date Pharmacy; 5 hands kept; moderate premium indoors, no premium outdoors; references to former pupils; close Thursdays, and entirely on Sundays; also good Junior. Address, J. E., Rectory Lodge, Rectory Road, Stoke Newington, London, N.

TO LET.

3s. 6d. for 50 words or less; 6d. for every 10 words beyond.

IPSWICH.—Shop with house, in prominent position, at Ipswich, to be Let; good opening for a Chemist commencing. Apply to A. Sandbach, Estate Agent, Ipswich.

CHEMISTS' Retail, in Sunderland, to be Let at little over the house rent, to suitable tenant; old established; no opposition; good Prescribing, but neglected lately; not high-class, but a real good living for a steady, reliable man. Apply first, 49 Gap Road, Wimbledon, London.

BUSINESSES FOR DISPOSAL

3s. 6d. for 50 words or less ; 6d. for every 10 words beyond.

ABERDEEN.—Drug Business in one of the principal thoroughfares and a growing district in the West-end is for Sale, owing to death of principal ; stock light ; easy entry ; nice shop ; moderate rent ; established 10 years. Apply, Wm. Paterson & Sons, Spring Garden, Aberdeen.

BAYSWATER.—To be disposed of, at once, an old-established Business, through death of proprietor ; price £100 ; 7-roomed house ; rent and taxes only 13*s.* 6*d.* per week. For full particulars, apply Mrs. B., 62 Princes Road, Notting hill, W.

CORNWALL.—£1,000.—In one of the best business towns in Cornwall ; established 70 years ; large Consulting and Prescribing Chemist's Business, with Dentistry ; good Retail ; well stocked ; capital house and shop, long lease ; full working order ; valuable proprietary articles ; fortune for good business man ; no agents ; £500 down, £500 in 5 years at 3½ per cent. Sampson Taylor Rowe, Surgeon Dentist and Chemist, Redruth, Cornwall.

LANCASHIRE.—Population 13,000 ; only one other Chemist ; a good-class Light Retail, Dispensing, and Prescribing Business, returning £600 to £700 ; net profit averages about £220 ; low rent ; good house, handsomely fitted and well-stocked shop ; price £500. 182/21, Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

LEEDS.—Genuine Business in thickly-populated and increasing neighbourhood ; good opening for qualified man ; price £160. Further particulars on application to 171/33, Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

LONDON, N.—Good-class Business for Disposal ; splendid position, main road, N. (not Holloway) ; well fitted and stocked ; large modern house with side entrance, well-adapted for letting, stable in rear ; price £475, or with soda-water plant, £575. Apply, by letter only, to "Chemist," 100 Park Street, Stoke Newington, N. No agents.

LINCOLNSHIRE.—For sale, a small unopposed Village Business in Lincolnshire ; population 1,600 ; returns between £300 and £400 ; no heavy trade, which might be cultivated with advantage ; suit a man in delicate health, or one of studious habits, or an energetic man might considerably increase the returns ; good house and nice garden ; satisfactory reason for disposal. Apply, Q. E. D., c/o Lofthouse & Saltmer, Hull.

MANCHESTER (near).—Chemist's Business for Disposal in a good district near Manchester ; Foreign and British Wine Licence attached ; stock entirely optional ; fixtures at valuation ; rent and other expenses low ; splendid opening. Apply, Thos. Tomlinson & Son, Chemists' Valuers, 9 New Cannon Street, Manchester.

MANNINGHAM, YORKSHIRE.—£150 will purchase an old-established Chemist's Business in a very populated neighbourhood ; no competition ; excellent position on the main road ; present owner retiring ; established 23 years ; capital opening for energetic young man ; house attached ; rent £24. Address, Aspinall, 23 Lilycroft Road, Manningham, Bradford, Yorkshire.

MIDLANDS.—Corner shop, near large works, nearest opposition over half-mile away, General Light Retail and Prescribing ; rent £30 ; opening for Oil and Colour or Dentistry ; returns over £600 (increasing), till rolls may be seen ; price £400 ; no agents ; bonâ-fide buyers have inquiries answered fully. "Stet" (179/11), Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

NORTH OF ENGLAND.—General Retail and Prescribing Business, with Stationery and Tobacconist attached (separate shop) ; wine licence ; cash business, returns nearly £900 ; corner premises, well stocked ; moderate rent ; price £500, or reasonable offer from bona fide buyers. "Soranus" (181/4), Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

SHEFFIELD (Suburb).—For immediate disposal, old-established Drug Store in populous suburb of Sheffield ; good house ; capital opening for qualified man ; good tooth-extracting connection ; oils, paints, and general trade ; stock and fixtures included, £80. Richards, Business Transfer Agent, 8 Central Chambers, High Street, Sheffield.

SOMERSET.—Pleasant town ; 2,000 ; widower giving up business—small ; suitable for a store or man retiring ; house or furniture may be sold ; Nonconformist or temperance man preferred ; vendor could help with housekeeper or otherwise ; no agents ; all particulars 1*d.* stamp. E. T. Carrington, 28 Ashbrooke Road, Upper Holloway, London, N.

SOUTH COAST.—Good-class old-established Retail and Dispensing Business for immediate disposal ; good and convenient house ; handsome Pharmacy, well stocked ; occupying a unique position on South Coast ; great scope for energetic man ; purchaser must be prepared to invest £2,000 ; no agents ; references given and required. "Trustee," c/o Barron Harveys, Giltspur Street, London.

SOUTH COAST.—In a southern residential watering place a profitable good-class Business is for Disposal owing to proprietor's ill-health ; can be greatly increased by a young energetic man. Buyers with £500, and furnishing satisfactory references, can have particulars by applying to Selater Jones, Esq., Boscobel Hall, Bournemouth West.

SOUTH COAST.—High-class Light Retail and Dispensing Business, changed hands once in 60 years ; returns £1,800 ; net profit over £600 ; excellent position, facing sea and pier ; fixtures elegant and stock heavy ; price £1,800 ; capable of extension, being practically under management ; principals only. 182/20, Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

SOUTH OF ENGLAND.—No opposition ; South ; returns about £400 ; profitable ; low rent ; owner going abroad ; price £250. 174/39, Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

SURREY.—Seven miles out ; population 12,000 ; in important main road ; good going concern, suitable for young qualified man ; Prescriber and Extractor ; large double-fronted shop ; scant opposition ; rent nominal ; would make splendid branch or open surgery ; capital required, under £100. "Aqua," 19 Saltoun Road, Brixton, S.W.

S.W.—Ready-money Light Retail ; increasing neighbourhood ; good Prescribing ; can be increased ; Dentistry may be added ; price £120. Apply, "May" (182/35), Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

YORKSHIRE.—Genuine Cash Retail and Prescribing Business for Disposal in a main thoroughfare, populous district ; returns £520 ; reason for selling, proprietor entering Wholesale ; corner shop, house attached ; rent £26 ; well stocked and nicely fitted ; price £375. Address, "Antifebrin" (181/30), Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

YORKSHIRE.—Genuine Retail and Prescribing Business for disposal, in the centre large manufacturing town, facing the Market Place ; large shop (lock-up) with warehouse and yard ; walnut front and large plate-glass window with recesses ; rent £25 ; returns £550 under unqualified manager ; low price to an immediate purchaser ; only wants seeing ; splendid opportunity for a qualified Chemist ; only one (half a mile away) in town of 23,000 inhabitants ; rare opening for Dentistry ; books, accounts, &c., produced ; thoroughly genuine. Address, "Chemicus," Morley.

BUSINESS FOR SALE.—The Stock-in-Trade and Fixtures of Mr. Charles John Willis, Chemist and Druggist, of 18 Clarence Street, 2 High Street, and 1 Queen's Buildings, St. Mark's, all in Cheltenham, are to be sold by valuation, in one or more lots : it is believed that the purchaser may rent the premises in Clarence Street. Apply to the Official Receiver in Bankruptcy, Gloucester.

COMMANDING corner Shop in main thoroughfare ; been Chemist's 25 years ; well fitted, small stock ; trade, through death, run down ; good house ; lease would be granted at £60 per annum. Apply, by letter, 197 Southgate Road, Mildmay Park, N.

FOR Disposal, genuine Business ; returns £400 ; price £250, or offer ; corner shop ; rent £40 ; let off £35. W. (181/2), Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

TO CHEMISTS.—Anyone willing to give £20 for goodwill and fixtures (no stock) can have a small but very profitable business, long established, 66 miles from London ; convenient house, garden, and warehouse ; no other Chemist within 6 miles ; rent, rates, and taxes under £14 ; worth looking into. Write to John Idris (177/21), Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

£475 will buy a good paying Country Retail ; almost unopposed ; Light Retail, Prescribing, Extracting, &c. ; better concern seldom met with ; steady trade, good prices, expenses very light ; large district ; would treat with responsible, competent gentleman with part cash. Address, "Gama" (180/37), Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

BUSINESSES WANTED.

3s. 6d. for 50 words or less ; 6d. for every 10 words beyond.

HAMPSHIRE.—Wanted, good genuine Business in country town, Hampshire preferred ; good house essential, with garden. Full particulars to "Hibernia," 41 Stanford Avenue, Brighton.

GENERAL Business wanted, Retail and Dispensing ; Seaside town preferred, S. or S.E. counties ; net income of about £250. State full particulars, turnover, &c., and lowest price to "Pharmacist," c/o Ingram & Royle (Limited), 26 Upper Thames Street, E.C.

TENDERS.

3s. 6d. for 50 words or less; 6d. for every 10 words beyond.

WIGAN UNION.

CONTRACTS.

THE Guardians of the Poor of the Wigan Union invite TENDERS for the supply of DRUGS required for their Dispensary during the six months ending at Christmas, 1897.

It is competent for any person or persons to tender, and the Guardians reserve to themselves the power to select all or any of the said articles so tendered for; and do not bind themselves to accept the lowest or any tender. Separate accounts will be required to be sent in with all articles or goods as delivered, and general accounts must be sent in for payment monthly.

Forms of Tender, containing the conditions of contract and probable quantities of each article required, may be obtained at the Union Offices, 9 Victoria Buildings, King Street, Wigan, on or before Friday, the 16th July next.

Tenders must be accompanied by samples of Chlorodyne, Crushed Linseed, Cod Liver Oil and Lint, otherwise the tender will not be considered.

Samples, with tenders attached thereto, must be sent to the "Clerk to the Union," 9 Victoria Buildings, King Street, Wigan, and must arrive not later than 5 o'clock on Tuesday, the 20th July next.

By Order of the Board,

Dated this 30th June, 1897. HENRY ACKERLEY, Clerk.

The Bankruptcy Acts, 1883 *and* 1890.

TO CHEMISTS, DRUGGISTS, GROCERS, PATENT MEDICINE VENDORS, AND OTHERS.

Re Mathias Jones, of 14 Castle Square, Swansea, Chemist and Druggist.

In Bankruptcy. No. 18 of 1897.

FOR SALE by TENDER, the whole of the STOOK-IN-TRADE of the above debtor, comprising Drugs of all descriptions, Patent Medicines, Perfumes, Fancy Soaps, Sponges, Glass-cases, Bowls, Scales, Pestles, Mortars, &c., &c.

The Stook-in-Trade is estimated by the debtor to be of the value of £300.

Also for Sale by Tender, the Official Receiver's interest in the agreement under which the premises are held. Under the said agreement the premises are held for a term of 7 years from the 29th September, 1896, at a yearly rent of £80, payable quarterly, tenant paying rates and taxes. Under the said agreement also the tenant is to have the use of the fixtures, shelves, and drawers, which are practically new, and were specially made for a Chemist's business.

The Stock-in-Trade may be inspected at the debtor's premises, 14 Castle Square, Swansea, on the 12th inst., between 9 a.m. and 6 p.m., or any other day prior to the 12th on application, and an inventory thereof can be seen at the Official Receiver's Offices at any time between 10 and 4; also the agreement referred to.

The whole of the Stock-in-Trade and the Official Receiver's interest in the agreement may be tendered for in one lot as a going concern, or separate tenders may be made for the Stock-in-Trade as per inventory, and the interest in the agreement respectively.

Tenders to be marked "Tenders re Mathias Jones," and must be delivered to the undersigned on or before 12 noon on the 14th July, 1897, when the tenders will be opened, and those who have tendered may attend.

The Official Receiver does not bind himself to accept the highest or any tender.

THOMAS THOMAS,
Official Receiver and Trustee,

Dated 6th July, 1897. 31 Alexandra Road, Swansea.

PARTNERSHIPS.

3s. 6d. for 50 words or less; 6d. for every 10 words beyond.

QUALIFIED, and experienced in Managing and Buying for Limited Companies, willing to work, would like to meet with a gentleman with capital, with view to Partnership. "Delta" (182/38), Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

A MANUFACTURER of popular Table Specialities and Packed Goods showing considerable profit wishes to meet with a firm who will undertake the sole distribution of same, or would be willing to combine with another well-established manufacturer in the development of both businesses. Apply, "Energy" (164/3), Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

ADVERTISER, established 12 months in Lancashire, doing a small but sound business with Mineral Water Manufacturers, Confectioners, and Essence users generally, desires energetic young man as Partner, to put in a few hundred pounds, by instalments of £100; ample scope; good opportunity to learn Retail; no "curiosity" enquiries. Apply, "Bonafides" (179/4), Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

WANTED, an energetic Partner in a Wholesale and Retail Country Business; capital required £800 to £1,200; part could remain. References and full particulars, 174/36, Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words beyond.

RETAIL.

ABERGAVENNY.—Qualified Assistant to manage small Country business for widow; must have knowledge of Veterinary work and be a good Prescriber; abstainer preferred. State age, salary (outdoors), and enclose photo (to be returned), Pryer, 1 Nevill Street, Abergavenny.

ALDERSHOT.—Junior Assistant wanted immediately, aged about 20, thoroughly reliable, quick, good Counterman and Dispenser, with a knowledge of Photography preferred, but not essential; weekly half-holiday allowed; send photo (to be returned), with full particulars and salary required, to E. H. Orange, Chemist, Aldershot.

BATH.—Junior Assistant (indoors), must be accustomed to Dispensing business. Apply, stating age, height, salary required, and full particulars, with photo (to be returned), to H. Alcock, London Road, Bath.

BELFAST.—Pharmaceutical Chemist, at once; a qualified Compounder, accustomed to high-class brisk trade; thoroughly reliable; good salary to a suitable man; one desiring a permanency preferred. Apply, giving full particulars, to W. A. Lynass, 5 Ann Street, Belfast.

BIRKENHEAD.—Good Junior wanted for Dispensing business (indoors). Apply, A. H. Ellithorne, 8 York Place, Ball's Road, Birkenhead.

BRIGG.—Wanted, Improver, immediately; country market town; indoors. State age, height, and experience, and if any salary required, to T. E. B. Blankley, Chemist Market Place, Brigg.

BRISTOL.—Wanted, a Junior Assistant indoors, the second week in August. Please send full particulars, with photo (to be returned), John Evans, Temple Gate, Bristol.

BURNHAM (Bucks).—Part-time Assistant wanted, July 26; outdoors; close Thursdays at 5, no Sunday duty, 3 hours daily for study. Send photograph (to be returned), state salary and experience, Heald, M.P.S., Burnham, Bucks.

CARDIFF.—Wanted, an Assistant, about 24; must be smart and energetic. E Edwards, Chemist, Cardiff.

CARDIFF.—Branch Manager wanted; married; live on premises; expert Extractor, with some knowledge of Dental work preferred; hours light, close Wednesdays at 2 P.M.; no Sunday work. Send photo and fullest possible particulars, stating salary required, house being rent and taxes free. A. Hagon, Chemist, 11 Bute Street, Cardiff.

CARMARTHEN.—Manager, during Proprietor's illness in a Mixed business; must be able to speak Welsh. State full particulars in first instance, enclosing photo (to be returned), James, Chemist, Carmarthen.

DARTFORD.—An Assistant; good Extractor, with knowledge of Dentistry preferred; not under 30; unfurnished rooms on business premises. Apply, "Chemist," 1 Spital Street, Dartford.

EXETER.—Wanted, gentlemanly Junior, 19 to 20, in good-class Dispensing and quick Retail business; indoors; must have had Dispensing experience. "Sigma," Evans, Gadd & Co., Exeter.

FLEETWOOD.—Wanted, at once, a competent and energetic Assistant (qualified), with thorough business tact, good window-dresser, and well up in modern Pharmacy; must be efficient Prescriber and Tooth Extractor; aged from 23 to 30. Apply, stating salary required (outdoors), and usual particulars, also enclosing photo (to be returned), to C. R. Gaulter, 6 West Street, Fleetwood.

GLOUCESTER.—About July 20, qualified Assistant; aged 24 or 25. Apply, with references, salary required, and photo if possible, H. R. Milner, 83 Barton Street, Gloucester.

HANLEY.—Wanted, immediately, good all-round man, about 25, outdoors. Apply, with full particulars, to E. S. Insull, Chemist, Hanley.

HYDERABAD, DECCAN, INDIA (within 24 hours from Bombay and Madras).—Qualified Assistant wanted, aged 25 to 30; first-class London experience necessary; thoroughly steady; good Dispenser; to live on the premises; 4 years' engagement. Apply, stating full particulars and salary required (photo with application), A. A., c/o Ellis & Son, Bedford Chambers, Exeter.

INDIA.—Assistant Chemist wanted for India, of good experience; good opening for steady man; first class reference indispensable. Apply, Craig, Baldry & Co., East India Merchants, 17 Coleman Street, E.C.

KING'S LYNN.—A qualified Assistant (outdoors), early in August; one accustomed to a good-class Family and Country business preferred. Apply, with particulars of salary required, age, and reference, &c., to Neale, c/o Allen & Neale, King's Lynn.

RETAIL.

LEEDS.—Qualified Assistant wanted for Dispensing counter; must have had good experience. Apply, with all particulars, Reynolds & Branson, Commercial Street, Leeds.

LIVERPOOL.—Wanted, an Assistant, about 26, who has been accustomed to a Dispensing, Prescribing, and medium-class Retail business; salary £50. Address, with particulars and references, to J. Woodcock, 19 Newsham Drive, Liverpool.

LLANDUDNO.—At once, Assistant for 3 months, in good-class Retail and Dispensing business; Photography. Apply, with full particulars, salary required (outdoors), enclosing photo if convenient, to J. Winter, Llandudno.

LONDON, S.E.—Dispenser to medical man; indoors; duties light; ample time for study. Apply by letter only (enclosing photo and stating salary required, with full particulars) to Dr. Hodgson, 204 Rye Lane, Peckham, S.E.

LONDON, W.—Junior Assistant (indoors); used to quick Retail and Dispensing. State age, height, experience, and salary required, to Shirtliff & Co., 66 Goldhawk Road, Shepherd's Bush.

LONDON, W.—Wanted, Junior Assistant, for Dispensing Business. Apply, T. Squire, 22 High Street, Notting Hill, W.

LONDON, W.—Part-time; board and lodging, with comfortable home, offered for the above. Apply, 175 Uxbridge Road, London, W.

LONDON, W.—Qualified Assistant; indoors; abstainer preferred; personal call, or full particulars (with photo, if possible) to Barton Dell, 148 King Street, Hammersmith, W.

LONDON, W.—Wanted, at once, Qualified Assistant for the Retail counter; must have had good London experience. Send full particulars, Manager, Allen & Hanburys (Limited), 7 Vere Street, W.

LONDON, N.—Junior wanted, indoors; must be smart, pushing, and a good counterman. State age, salary required, and full particulars, H. Baker, 161 Seven Sisters Road, Holloway, N.

LONDON, N.E.—Wanted, Assistant-Dispenser, and one who has had experience in Mechanical Dentistry; comfortable home; time for study. Address stating age, experience, height, reference, salary, and photo if possible (to be returned), J. C. Pentney, 98 Queen's Road, Dalston.

LONDON (Suburban).—Experienced Assistant, smart salesman, accustomed to Store trade; good salary to energetic man seeking permanency; qualification not essential. Apply, with usual particulars, "Radix," Davy, Yates & Co., Southwark Street, S.E.

LONDON, N.—Wanted, at once, a good reliable Junior, aged about 20, accustomed to good-class business; must have good references and be thoroughly trustworthy; comfortable berth for good man; would treat with one reading up. Letter first to Hersant, Chemist, Archway Road, N.

LONDON, S.E.—Evening hand wanted, immediately. Apply, Mann, 45 Rye Lane, Peckham.

LONDON.—Junior Assistant, at once; one with knowledge of Store business. Apply, with full particulars, to Pemberton & Malcolm, Willesden Green, London, N.W.

LONDON.—Manager for City business; good Salesman, Window-dresser, and Prescriber; smart and energetic; no Sunday duty. Send photo, age, height, experience, and salary required, "Progress" (182/37), Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

LONDON, S.E.—Improver or Junior for quick Store trade; reasonable hours; outdoors. Apply, Blackie, 43 Parker's Row, Bermondsey, S.E.

LONDON.—A qualified Assistant wanted in a first-class London house where several are employed. State age, height, salary required (indoors), and particulars of experience, to W. M., c/o Homer & Sons, Mitre Square, Aldgate, E.C.

LONDON, E.—Qualified Chemist wanted (Stores); a smart young man; must be temperate and reliable in every way; 40*s.* per week; also Junior, 23*s.* Apply personally, or by letter, giving full particulars, to Picken Brothers (Limited), Forest Gate, E.

LONDON HOSPITAL, Whitechapel Road, E.—Wanted, at the London Hospital, a qualified Dispenser. Applications should be sent to the Head Dispenser, with 3 recent testimonials; salary £90 per annum.

LONDON, S.W.—Harrod's Stores (Limited) require the services of a good Counterman, used to London trade; salary and commission; hours 8 to 7; Saturdays 2; no night or Sunday duty; personal application essential before 11 or after 5. R. Burbidge, Managing Director, 87 to 105 Brompton Road, S.W.

MAIDSTONE.—Junior wanted immediately. Full particulars and photo to F. R. Jennings, Chemist, Maidstone.

MERTHYR TYDFIL.—Wanted, at once, Junior Assistant (indoors) for Mixed business; one accustomed to the sale of Photographic goods preferred. Apply, stating age, height, and salary required, with photo if possible (to be returned), to Rees Thomas & Son, Merthyr Tydfil, Glam.

MIDLANDS.—Qualified Assistant wanted, to manage Branch Light Retail and Dispensing business; must be steady, energetic, and well recommended; state age, height, salary expected, references, and when disengaged. Also vacancy for smart, trustworthy Junior, able to Dispense and quick at Counter. Address, T. S. (180/20), Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

NORTHAMPTON.—An experienced Assistant; outdoors; short hours; no Sunday duties. Apply, stating references and salary required, to Blunt's Drug Stores, 2 Parade, Northampton.

NOTTINGHAM.—Wanted, Junior Assistant for Mixed Business, with Dispensing; indoors. Apply, H. Shippam, 207 Alfreton Road, Nottingham.

PARIS.—Wanted, by a first-class Chemist in France, an Assistant; must be expert Salesman, competent Prescriber, and of good address, with knowledge of French preferred. For particulars write, enclosing photo (will be returned), to J. Delouche, 2 Place Vendome, Paris.

POTTON.—Wanted, an Assistant; permanency offered to a good man; easy hours. Apply, with full particulars as to salary, &c., to Bond Smith, Chemist, Potton, Beds.

PLYMOUTH.—Immediately, qualified Assistant; one used to first-class Dispensing and Retail. Apply, stating full particulars, Balkwill & Co, Chemists, Plymouth.

POPLAR AND STEPNEY SICK ASYLUM DISTRICT.—The Managers require the services of a qualified Dispenser as Locum-tenens for twenty-five days; salary at the rate of £2 2*s.* per week. Applications, stating age and qualifications, accompanied by copies of testimonials, must be sent to the undersigned on or before the 19th instant. Particulars of the duties may be obtained on personal application to the Medical Superintendent any day before noon. (By order) Robert Foskett, Clerk. Bromley, Middlesex, 8th July, 1897.

READING AMALGAMATED FRIENDLY SOCIETIES MEDICAL ASSOCIATION.—Wanted, a competent Dispenser, to give whole time, salary £90 per annum. Apply not later than the 15th inst., stating age, &c., to S. Griffin, 82 Southampton Street, Reading.

READING.—Gentlemanly Assistant, about 25 or 26, of good all-round experience, wanted, at once, for quick, modern Retail and Dispensing; good hours, weekly half-holiday. Applicants please state age, height, salary required (outdoor), and fullest particulars of experience, also references and photo (to be returned), J. Cross & Co, Chemists, Reading.

SOUTH DEVON.—Assistant, Minor qualification, for business in fashionable South Devon watering-place. Apply, X., Evans, Gadd & Co., Exeter.

STOCKPORT.—Wanted, qualified Assistant for Dispensing and Light Retail. State age, height, salary (indoors), and reference, J. C. Arnfield, Pharmacist, Stockport.

TUNBRIDGE WELLS.—Qualified Assistant for high-class business; indoors (sleep out, bedroom provided); good Dispenser and Counterman essential; store experience preferred; easy hours; others kept. State salary required, reference, age, height, and enclose photo (returnable), H. S. Pearmund, Pharmacist, 48 High Street, Tunbridge Wells.

WOLVERHAMPTON.—Assistant, (indoors), of good address, abstainer; accustomed to Country trade; character must bear strict investigation. Apply, stating age, height, salary required, when at liberty, with references, to Fleeming & Son, Pharmaceutical Chemists, Wolverhampton. Applications not answered within three days declined.

ASSISTANT, with view to early purchase, for Retail and Prescribing business in Kent, returning £8 to £12 weekly; married preferred. Address, 181/7, Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

CAPABLE Assistant wanted; qualified preferred; must have good references. Apply, stating qualifications, experience, &c., &c., "Wanted," c/o Ayrton & Saunders, Liverpool.

IMPROVER or Junior wanted by July 25, indoors. Please write, stating age, experience, height, and salary required, also reference, "Chemist," c/o Messrs. Walker, Troke & Co., Wholesale Druggists, 2 Bath Street, City Road, London, E.C.

MANAGER (qualified), for Light Country Retail; must possess good all-round experience, and furnish undeniable references; a comfortable berth to an energetic man. Apply, with full particulars saying when disengaged, and enclosing carte (to be returned), to "Anthem" (180/21), Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

QUALIFIED Assistant to work up good-class Suburban Branch; good house attached; no Sunday duty; one day from 5 P.M. weekly, and full day off monthly; young married man preferred. X. Z. (179/19), Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

QUALIFIED Assistant; West-end. Apply, with full particulars, to "Alpha," c/o Meggeson & Co., Miles Lane, E.C.

STUDENTS.—Improver or Junior; comfortable home offered in return for Part-time (hours to be arranged) or nominal salary for half-time; state usual particulars. Also vacancy for Apprentice. Address, "North London" (179/13), Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

SITUATIONS OPEN—*cont.*

RETAIL—continued.

THE Exors. of the late G. Botham, Medical Hall, Levenshulme, Manchester, have a vacancy for a qualified Assistant; abstainer preferred. Apply, with testimonials, and full particulars as to salary, &c., to the above address, and state when at liberty.

TO Dispensers.—Wanted, at once, a qualified Assistant; easy hours, no Sunday work. Apply, by letter, stating age, experience, and salary required, to Q. D., 136 Queen Victoria Street, E.C.

WANTED, a qualified Assistant for a temporary situation. A. T., c/o Messrs. Southall Bros. & Barclay, Birmingham.

WANTED, a good Junior (outdoors); hours 9 to 6; £52 per annum. Apply, Boutall, Chemist, 52 Marchmont Street, W.C.

WANTED, at once, a competent Assistant; good experience; outdoors; permanency if suitable. Address, "Antipyrine," c/o Messrs. Evans, Sons & Co., Hanover Street, Liverpool.

WANTED, at once, a young, qualified Assistant for suburban Drug-store; outdoors. State age, experience, &c., to X. Y. Z. (184/4), Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

WANTED, qualified and competent Assistant, not under 22, with good experience (indoors), where 8 are kept; close at 7.30. Apply, giving full particulars, and enclosing carte if possible, A. B., c/o John Thompson & Co., Hanover Street, Liverpool.

WANTED, an energetic and trustworthy Assistant (qualified), married, to live on premises; to a suitable man prospects of Partnership with small capital. Apply, to A. L., c/o Messrs. Willows, Francis & Butler, 101 High Holborn, W.C.

WANTED, immediately, competent Chemist (temporarily) to assist in a Chemical investigation (organic); knowledge of German preferred. Address, "Savon" (160/63), Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

WANTED, Manager to reside on premises; married; unqualified; permanency for a suitable man; salary 45s. a week. Apply, with full particulars, to "Suburbs" (161/46), Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

WHOLESALE.

LONDON.—Wholesale Agents wanted, who regularly travel the United Kingdom, to act as special representatives of a well advertised Food. Box 400, Scriven's Advertising Office, 66 Ludgate Hill, London, E.C.

JUNIOR Clerk wanted, by Export House. Apply by letter, to H., c/o Housekeeper, Mildmay Chambers, 82 Bishopsgate Street, E.C.

SITUATIONS WANTED.

1s. for 12 words or less; 6d. for every 6 words beyond.

RETAIL.

WANTED, Locum work, London; day or week. Ernest, 44 Esmond Road, Kilburn.

ASSISTANT; knowledge of Photography; 24. A. H., 40 Barbara Street, London, N.

LOCUM; 30; qualified; disengaged July 10. "Alpha," 73 Church Street, Basingstoke.

GOOD all-round quick trade (in or out), or as Locum. D., Pearce's, Chemist, Edmonton.

LOCUM; qualified; good experience; Swansea or district. Davies, 1 George Street, Swansea.

MASON, Chemist, Locum-tenens, Walton Well Road, Oxford; disengaged from July 12 to 17.

LONDON situation; Minor qualification; aged 24; 6 years' experience. "Pharmacy," Blaina, Mon.

BRANCH Manager or Assistant (24) seeks engagement. F. G., 40 Barbara Street, London, N.

MANAGER; qualified; 29; good experience. H. C., 1 Elm Park Terrace, Fulham Road, S.W.

LOCUM, as Dispenser or Manager, qualified Surgeon or Chemist. W. M., 25 Argyle Street, W.C.

PART-TIME, Locum; disengaged; tall; aged 26; abstainer. "Gmro," 25 Merrick Square, Borough.

AS Locum; disengaged until 17th inst.; abstainer; 29; Major. Williams, 46 Handforth Road, Brixton.

LOCUM, or permanency; qualified; married; good references. A. Pollard, 70 Portobello Road, W.

BRANCH Manager or Locum; qualified; 24; good references. Peace, Berkeley Street, Burnley.

TEMPORARY or Permanent.—Qualified Chemist now disengaged. N., 83 Martin Street, Stratford.

LOCUM; 32; London and country experience; disengaged. Jones, 5 Belgrave Terrace, Teignmouth.

ASSISTANT; good Counterman and Prescriber; aged 23. "Omega," 13 Elington Street, Islington, N.

LOCUM or Permanent; Minor; 38; disengaged; excellent experience. Gibbs, 108 Acre Lane, Brixton, S.W.

QUALIFIED; 24; 10 years' experience; outdoors; references. "Chemicus," 17 Bowmont Street, Kelso.

QUALIFIED Assistant; 23½; excellent references; Stores; Dispenser. B., 69 Charrington Street, N.W.

TEMPORARY Appointments by competent Assistant; disengaged 28th. "Minor," 39 Norfolk Road, Brighton.

ASSISTANT; Counter; Stores preferred; experienced; excellent references. Chanler, 70 Hunsdon Road, S.E.

TEMPORARY berth for 6 or 7 weeks; 22; 5 ft. 10 in.; 6 years' experience. Payne, 84 Bank Street, Maidstone.

ASSISTANT; unqualified; abstainer; London preferred; speaks Welsh. "Iridis," 11 Dumfries Street, Treherbert.

PART-TIME; outdoors; good London experience; disengaged. "Boron," c/o Muter's, 325 Kennington Road, S.E.

WANTED, a Part-time or Locum-tenen berth; 8 years' experience. Apply to J. E., 106 Kennington Park Road, S.E.

ASSISTANT; aged 30; height 5 ft. 8 in.; outdoors; first-class experience. E. G. J., 13 Montpellier Villa, Cheltenham.

ASSISTANT seeks situation for about 6 weeks; good references. Apply, "Rheum," 45 Brook Street, Kennington, S.E.

DISPENSER to Surgeon; 15 years' experience; married; Prescriber; Extractor. Woodman, Washington Road, Bridgwater.

QUALIFIED Dispenser; 24; London; outdoors. 182/13, Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

ASSISTANT; 23½; 6 years' experience; highest references. W. Jones, Holbrook Villa, 33 Finchley Road, St. John's Wood, N.W.

LOCUM or permanency; Chemist's, Surgeon's, or Institution's; qualified. "Chemicus," 32 George Street, Blackfriars, S.E.

EVENING work required, either to Chemist or Surgeon; aged 27. Address, "Student," 33 Nottingham Road, Upper Tooting, S.W.

MANAGER, or outdoor Senior; qualified; capable, energetic. 179/27, Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

PERMANENCY; disengaged; 9 years' experience; gentlemanly; not afraid of work; good references. M., 272 Old Kent Road, S.E.

MANAGER, Locum, &c.; disengaged; qualified; London and country experience. W., 7 St. Mary Street, Kennington, London, S.E.

CHEMIST, Ph.D. (Giessen), seeks engagement; good Analyst; thorough knowledge of German. "Analyst," 28 Ladbroke Square, W.

MANAGER; 22 years' best experience; tall; qualified. "Active" (181/13), Office of THE CHEMIST AND DRUGGIST, 42 Cannon St., E.C.

LOCUM-TENENS for summer months; lately in business; qualified; references; disengaged shortly. A. P. S., 15 South Beach, Blackpool.

MANAGER of Branch or Assistant; aged 32; good experience and Teeth Extractor. "Various," 59 Radcliffe Street, Everton, Liverpool.

LOCUM; over 20 years' varied experience; disengaged July 18 to 31 and after August 31. "Druggist," 32 Spondon Road, South Tottenham.

ASSISTANT; outdoors; aged 27; married; good experience; Photographic knowledge; unqualified. "Radix," 35 Union Road, Rotherhithe, S.E.

SITUATIONS WANTED—*cont.*

RETAIL—continued.

JUNIOR; 25: height 5 ft. 10 in.; City experience wanted; salary no object. 181/29, Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

MANAGER or Assistant; qualified; large managing experience; ordinary and cash trade. Williams, Chemist, 122 Sandmere Road, Clapham, S.W.

EVENING engagement, by Minor student, with Surgeon or Chemist. "Dispenser" (160/69), Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

COMPETENT Assistant; unqualified; middle-aged; single: all-round experience; good references; total abstainer. "Statim," 19 Chapel Street, Uxbridge.

MANAGER; 26; qualified; good all-round experience; Extractor; married; no Store need apply. "Extractor," c/o Messrs. Gostling & Co., Chemists, Diss, Norfolk.

ASSISTANT (26); good West-end and Stores' experience; excellent references; outdoors; London preferred. "Chemist," 22 Eastbourne Road, South Tottenham.

26; qualified; good Dispenser; London preferred; satisfactory references. "Ammon" (181/5), Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

JUNIOR (23½), after 15th, Locum or permanency, accustomed to best-class Dispensing, Photography; excellent references. "Kino," 49 Lorn Road, Brixton, London, S.W.

AS Improver or Junior in good Dispensing business; Manchester or district preferred; aged 18; tall; passed Prelim.; at liberty August. A. Newton, 122 London Road, Leicester.

MANCHESTER preferred; 5 ft. 6 in.; aged 20; 5 years' experience; good reference: knowledge of Photography; disengaged August 1. "Rhei," 47 Denton Street, Hulme, Manchester.

COUNTERMAN, unqualified, desires permanency; aged 35; good all-round man. Extractor, Prescriber; outdoors; low salary; disengaged. "Alpha," 11 Coulson Street, Chelsea.

DISPENSER and Bookkeeper to Surgeon or firm; 10 years' experience; 5 years' reference. "Larkspur" (182/14), Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

MANAGER; qualified; 12 years' first-class experience; London and Provincial; modern cash system; references undeniable. S. Little, c/o G. Garwood, Chemist, Rosary Corner, Norwich.

MANAGER; qualified; married; 29; first-class Retail experience, London, provincial, country; good buyer; knowledge of Wholesale; permanency essential. 179/9, Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

LONDON (12 miles from).—A smart Junior or Improver, not over 21, in a Mixed Business, sleep out, 12 miles from London, wanted at once; send terms, height, &c.: references must be A 1; a very light place, suit a gentleman just out of apprenticeship. "Statim" (182/27), Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

WHOLESALE.

DRUGGIST Sundries; advertiser (24) seeks engagement in a London Wholesale house. H. A., 40 Barbara Street, London, N.

TRAVELLER, disengaged, married, desires berth in good Drug house; London, Suburbs; best references; will interview at any time. "Phenazonum," 29 Ifield Road, S.W.

A GERMAN gentleman (24), 8 years' good experience in the manufacture of Essential Oils, desires situation in England. Address, Knuepfer, 1 Prutzstrasse, Stettin, Germany.

PHARMACEUTICAL Chemist, with some knowledge of English, hitherto employed in large firms only, wants situation. Please address H.O. 7310, c/o Rudolf Mosse, Hamburg.

TRAVELLER, calling on Chemists and Grocers, representing first-class English house in Ireland, wishes to meet with another who would pay part salary and expenses. "Medicus," 26 Stephen's Green, N., Dublin.

TRAVELLER, with good connection amongst Chemists in the Northern district, seeks re-engagement in Drugs, Sundries, or Specialities; thoroughly steady and well recommended; aged 34; would take commissions, sharing expenses. 182/25, Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

GENTLEMAN, relinquishing Chemist's business, anxiously desires permanent situation, Warehouse, Office, Traveller, or Agent; excellent references; aged 36; married. Apply, "Hector" (177/7), Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

TRAVELLER, Wholesale Druggists.—A gentleman of good experience and connection is open to position as above; highest references: security if required; disengaged shortly. Address, "Energy" (174/40), Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

AS Representative, to introduce a Food article (or otherwise) to the Medical profession and to Chemists, with a view to creating a demand; 5 years' experience; undeniable references. "Speciality" (179/34), Office of THE CHEMIST AND DRUGGIST, 42 Cannon Street, E.C.

MISCELLANEOUS.

Special charges are made for Advertisements under this heading, which can be obtained on application.

BECAUSE Daisy sells like ripe cherries, we have been enabled to enlarge our borders from time to time; we have just doubled our premises, and already the twin Daisy factories are in full swing. Daisy (Limited), Leeds.

GLYCERINE AND CUCUMBER immediately prepared by using "Crême aux Concombres," which produces a splendid creamy inseparable preparation at the cost of 50 oz. for 1*s.* 6*d.*; send for sample ½ lb., post free, 1*s.* 6*d.* Marsballs (Limited), 27 Red Lion Square.

LEMONADE-POWDERS, made from fruit; the best on the market; allow 45 per cent. profit; attractively got up in boxes containing two dozen powders; one packet equals produce of six lemons nearly, and makes 40 tumblers of lemonade; retail 4*d.*; price 33*s.* per gross, carriage paid; sample sent free on application; trial box carriage paid for 5*s.* 6*d.* Brownlow, Chemist, Melton Mowbray.

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N.B.—Cucumbers actually enter into the composition of this article.

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Window-enclosure, very handsome, mahogany, 3 figured plate doors (2 sliding, 1 hinged); also 2 long mirrors, black frames; offers wanted. 127 Gipsey Lane, Forest Gate.

Dispensing-screen, with case below, 6 feet long; counter-case, foot wide, 4 feet long; tooth-brush case. Full particulars and price to THOMAS, West Street, Rochdale.

Dainty fittings (complete) for chemist's shop about 10 ft. square, comprising shelving, cornice, large handsome case and cupboard of stained pine, run of mahogany drawers, glass knobs, bevelled-glass labels, 2 counter-cases, 137 bottles (32-oz. to 8-oz.), pots (dark blue), syrup-bottles (turquoise-blue), and 21 blue jars; all new January, 1896, except the drawers; set drawers under counter (label, cash, &c.), scales, weights, tap and sink, &c.; first good offer accepted, or bottles and fixtures alone. McKEE, Cash Chemist, Tunstall.

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Eleven dental forceps, first-class make and condition, cheap. COLE, 29 King William Street, Greenwich.

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Disarticulated skull, in good condition; price 10*s.* 6*d.* HATFIELD, Chemist, Limehouse, E.

For Sale, fine bath and toilet honeycomb sponges; very cheap. GERRING, Chemist, Witney, Oxfordshire.

Overstock.—½ gross 4*d.* tins health salt, 14*s.*; also 2 gross ditto tins (empty), beautiful design, £1, cost 30*s.*; both delivered; samples, 2 stamps. SLACK'S STORES, West Bromwich.

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Mortar and pestle, No. 12, good condition. CURIO COMPANY, Leadenhall House, E.C.

About 1 pint marking-ink. Sample and price to GERRING, Witney, Oxfordshire.

Shop-rounds, jars, counter, dispensing-screen, and counter-cases. 181/38, Office of the *C. & D.*

One cwt. or less powdered white arsenic, uncloved. GERRING, Chemist, Witney, Oxfordshire.

Suppository-mould (24), also bougie-mould, good condition. Price to SMITH & BOWMAN, Edinburgh.

One cylindrical show-bottle, height 18 in. to shoulder, circumference 33 in., in good condition; spiral stopper; state price. RAYNER, Sheerness.

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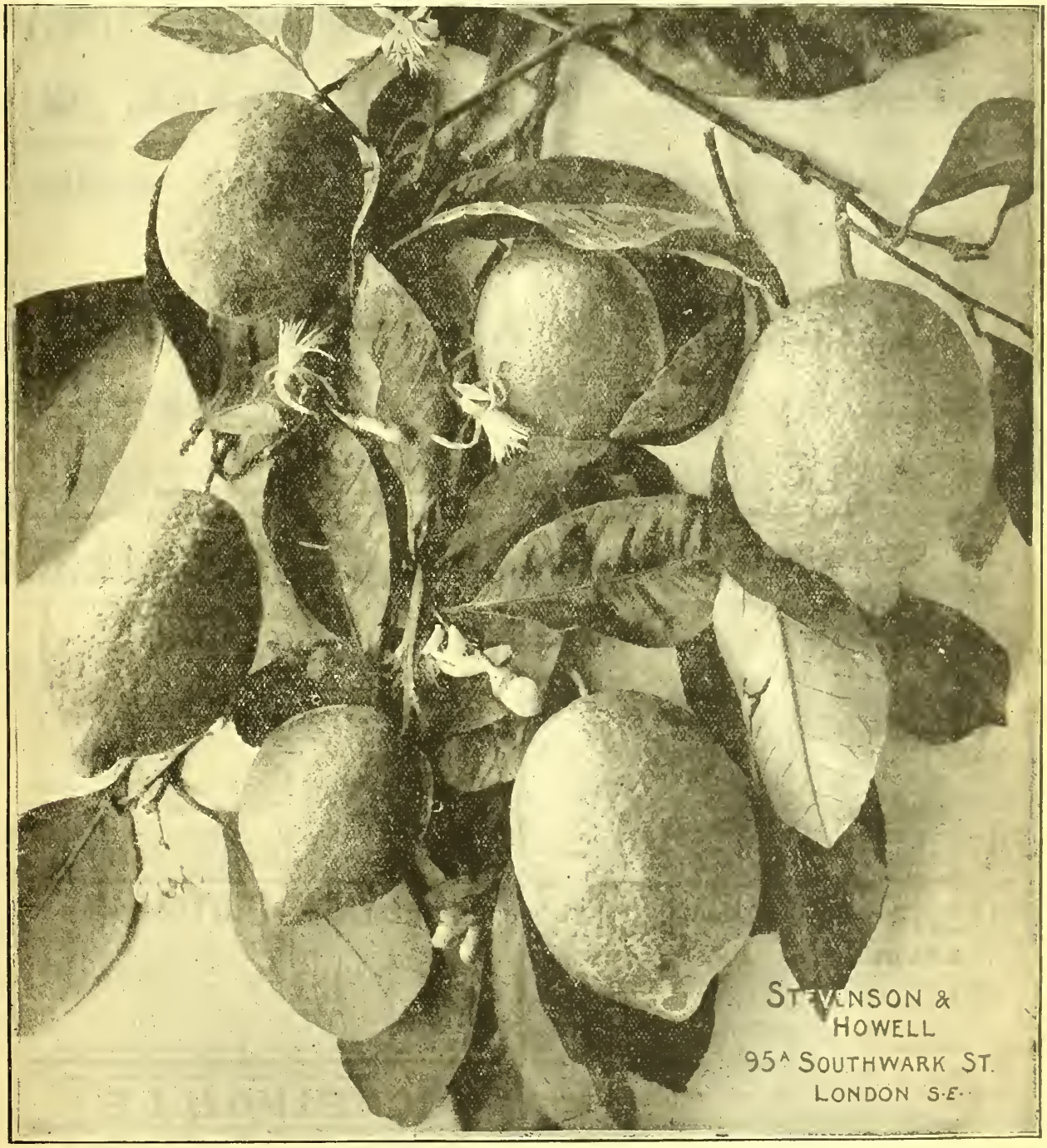

This is the page in "The Chemists' and Druggists' Diary, 1897," voted to contain the most attractive illustration. "The lemons are a touch of Nature; they speak of purity and genuineness."

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The extensive factory at Camden Town is believed to be the most perfect and complete mineral-water manufacturing establishment in the world.

The Company holds the Royal Warrant of Appointment, and furnishes regular supplies to her Majesty the Queen.

The soundness and the increasing character of the business are proved by the following facts:—

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2. The business has been nearly doubled within the last two years. This year, to the present date, the sales show a satisfactory increase as compared with the same period last year, notwithstanding the cold Spring.
3. The profits have never been less than 10 per cent. on the whole of the capital employed in any year since the establishment of the business.
4. The Reserve Fund has been increased from £2,000 in 1892 to £16,000 in 1893.
5. When the Company was established the whole of the purchase money payable to the Vendors was taken in Shares, and the whole of this Share capital is still deferred both as to capital and dividend, and does not derive any share of profits until the dividend of 6 per cent. on the "A" Preference Shares has been paid.

The Accountants' and Valuer's Reports are given below:—

1 Finsbury Circus, London, E.C., June 24, 1897.

To the Directors of Messrs. Idris & Co. (Limited), Camden Town.

GENTLEMEN,—We have made a special examination of the books of your Company (Limited) for the four years from September 30, 1892, when it took over the business from the late firm of Messrs. Idris & Co., to September 30, 1896, and have throughout the entire period made the adjustments necessary to bring the profits into harmony, as far as possible, with the existing circumstances of the business.

We find that the profits of the four years show an average of £11,056 per annum, and that the profit for the last year—viz., 1895-96—was £13,748. These profits have been arrived at after deducting all proper depreciations, and Directors' remuneration, and providing a sinking fund for the redemption of the leases, but before charging interest on mortgage, debenture and loan capital, or providing for the profit-sharing system, which is a purely voluntary charge, and has averaged £358 per annum during the four years under review.

We find, further, that there has been a steady annual increase in the net sales of the business during the past twelve years, with the exception of the year 1893-94, when the season was an unusually cold one.

The diminution of the sales, however, on that occasion amounted to less than 1½ per cent., while the increase of the previous year, with which the comparison is made, was over 22¼ per cent., and the increases of the two subsequent years (1894-95 and 1895-96) were no less than 54¼ and 22 per cent. respectively; the sales of 1895-96 being nearly double those of 1893-94.

According to the books of the Company at the date of the last balance-sheet—viz., September 30, 1896—the Factories and other properties, plant, machinery, horses, vans, harness, stock-in-trade, book-debts, cash balances, goodwill, and other assets, after deducting all liabilities, including Mortgage (of £10,500) and Debentures (£22,831), Sinking and Benevolent Funds, and after providing for the year's dividends, amounted to £116,000.

Yours faithfully,
ARTHUR J. HILL, VELLACOTT & CO.,
Chartered Accountants.

TRADE VALUER'S REPORT.

Ridler Place, Holland Street, Blackfriars, S.E.,
June 16th, 1897.

To the Directors of Messrs. Idris & Co. (Limited), Camden Road, N.W.

GENTLEMEN,—I have gone carefully through the Stock Books of your Company for 1896, and certify that in my opinion the values put upon the stock, plant, machinery, utensils, horses, vans, and other appliances connected with the business are entered at exceptionally low prices. I have also gone through your books for the past three years, with a view of ascertaining whether the writing down for depreciation has been sufficient, and am of opinion that you have written off for this item considerably in excess of what is customary in the trade; this applies especially to the year ending September 30th, 1896.

Yours faithfully,
WALTER DAVENPORT,
Mineral-water Trade Valuer.

T. B. Westacott, Esq., J.P., L.C.C., has surveyed the buildings, and in his certificate, after giving particulars of the premises, states:—"I am of opinion that the above premises are of the value of **fifty-two thousand five hundred pounds (£52,500).**"

If the whole of the profits for the last three years had been declared as dividends instead of being largely added to Reserve Fund, a dividend of more than 8 per cent. might have been paid on the "A" Preference Shares.

"A" Preference Shares have recently been sold at 24*s.* each, and "A" Ordinary Shares 27*s.* 6*d.* each.

The business is of a non-speculative character, and the demand for the productions of the Company is increasing and is likely to increase, as the reputation of the Company for producing high-class beverages is constantly bringing additional trade.

Application will be made in due course to the Committee of the London Stock Exchange for a settlement and quotation.

There are a large number of contracts and engagements entered into by the Company which fall within Section 38 of the Companies Act, 1867, and which are too numerous to be conveniently set out in this Prospectus. Applicants for Shares shall be deemed to have notice of all such contracts and engagements, and to have agreed with the Company as Trustee for the Directors to waive the specification in the Prospectus, of the dates and the names of the parties thereto, as required by Section 38 of the Companies Act, 1867, and all claims under that Section or otherwise, and applications for Shares will only be received upon this understanding.

Copies of the Memorandum and Articles of Association of the Company, and of the Contracts and Reports above mentioned, may be inspected at the office of the Company's Solicitor.

Copies of the Prospectus, with forms of application, can be obtained at the offices of the Company, or from their Bankers, Brokers, or Solicitor.

Dated this 7th day of July, 1897.

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JOHN H. SMITH
NEWARK-ON-TRENT.

JAKSON'S
Lavender Water

A One Shilling Bottle of this Perfume guaranteed to contain more value in Lavender than a Pint of that as usually sold.

THE LARGEST GROWER AND DISTILLER AT MITCHAM.

John Jakson & Co
MITCHAM

To obtain the genuine see name on each bottle.

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ADVERTISERS' AND BUYERS' REFERENCE LIST AND INDEX TO ADVERTISEMENTS

INDEX TO ADVERTISEMENTS APPEARING IN THIS ISSUE.

NOTE.—The Folios shown in this Index are those at the FOOT of the Page, and not at the Top. This arrangement is necessary in order to meet the requirements of the Post Office.

	Foot of Page
Accrington Surgical Appliances Co. (Lim.)	52
Adams, B.	27
Addis, R., & Son	44
Alexandre	16
Allen & Hanburys	*Front Cover*
Anderson & Co.	45
Anglo-American Drug Co	36
Apollinaris Co. (Lim.)	*Front Cover*
Armour & Co.	19
Austin & Co.	16
Barnett & Foster	21
Barrett, R. H.	50
Berdoe & Co.	*Col. Supp.*
Berend, O., & Co.	55
Bleasdale & Co. (Lim.)	44
Blondeau & Co	35
Boehringer & Sohne	41
Boord & Son	18
Bowdlear, W. H., & Co.	48
Bowers Bros.	55
Box, W. H.	45
Bramwell & Son	57
Bratby & Hinchliffe (Lim.)	20
Brauer, A.	38
Brecknell, Turner & Sons	15
Breffits (Lim.)	51
Brett, F. J.	*Col. Supp.*
Bridgwater's (Lim.)	44
Brook, Parker & Co.	42
Browning, A. J.	56
Bruckner, R.	57
Burdon, J., & Co.	57
Burge, Warren & Ridgley	53
Burgoyne, P. B., & Co.	34
Burrough, James	18
Burroughs, Wellcome & Co.	33
Businesses for Disposal	*Col. Supp.*
Cadbury Bros.	*Cover*
Calvert, F. C., & Co.	48
Carmichael, M. W.	15
Cartwright, A. S.	53
Chesebrough Manufacturing Co.	34
Christy, T., & Co.	57
Clark, C., & Co.	56
Cleaver, F. S., & Sons	15
Coleman & Co.	26
Cooper & Co.	56
Corbyn, Stacey & Co.	39
Corsan, J.	8
Critchley, T.	54
Crosfield, J., & Son (Lim.)	18
Cuthbert, R.	56
D. C. L. Malt Extract	58
Day, Son & Hewitt	46
Dee Oil Co. (Lim.)	14
Depilene Co.	16
Diamond Emery Co.	43
Diastased Farina Food	29
Dieterich, Engen	37
Drane, R.	49
Droege, W., & Co.	57
Duncan, Flockhart & Co.	41
Dusser Bros. & Co.	48
Eberfeld Farbenfabriken	41
Elliman, Sons & Co.	*Back Cover*
Ellis & Son	*Text* 50
English Diastasic Malt Extract Co. (Lim.)	32
Exchange Column	*Col. Supp.*
Fennings, Alfred	*Outside Cover*
Fentiman, A. G.	56
Fentiman & Co.	57
Fink, F., & Co.	56
Fleming's Oil & Chemical Co.	49
Fletcher, Fletcher & Co.	*Text* 50
Ford, Shapland & Co.	46
Fraenkel Bros.	23
Freudentheil & Co.	57
Gardner, W., & Sons	54
Geogg, G.	57
Gibson, R., & Sons	30
Glasgow and West of Scotland School	4
Goodall, Backhouse & Co.	36
Guest, T., & Co.	27
Guy's Tonic Co.	43
Harker, Stagg & Morgan	42
Harrison & Waide	26
Harvey, S.	15
Hayward-Tyler & Co.	20
Herbuline Co.	56
Hewlett, C. J., & Son	39
Hickisson, J.	35
Holloway, E. A.	27
Horlick & Co. (Lim.)	*Text* 50
Houghton, G., & Co.	55
Hubbuck & Sons (Lim.)	38
Ickringill's Cloth Syndicate (Lim.)	4
Idris & Co.	6, 7
Ingram & Royle	23
Isaacs, L., & Co.	50
Jakson, J., & Co.	10
Jewel Pen Co.	55
Jewsbury & Brown	18
Josephs, Philip	*Col. Supp.*
Judd & Manners	*Col. Supp.*
Kay Bros. (Lim.)	19
Knowles & Phillips	*Text* 50
Krohne & Sesemann	53
Kydde & Co.	23
Lambert, A., & Co.	52
Lazenby, E., & Son (Lim.)	29
Liebig Co.	13
Lincoln Drug Co.	42
Liquor Carnis Co.	35
Lofthouse & Saltmer	38
Lorenz, H.	56
Lynch & Co. (Lim.)	5
Macfarlan, J. F., & Co.	20
Maefie & Sons	23
Malcolm & Co.	57
Manchester College	4
Maw, S., Son & Thompson	47
Mawson Filter Co.	29
May & Baker (Lim.)	*Cover*
May, Roberts & Co.	*Cover*
Maypole Soap Co. (Lim.)	17
Medical, Surgical, and Hygienic Association	4
Millar, A., & Co.	26
Milne, J.	50
Morrison, R., & Co.	39
Moss, J., & Co.	*Text* 50
Ness & Co.	56
Newball & Mason	22
Newbery & Sons (Lim.)	16
Newsome, C.	8
Norrenberg, J., & Co.	19
Northern College of Pharmacy	4
Oakey & Sons (Lim.)	43
Oppenheimer, Son & Co. (Lim.)	31
Orridge & Co.	*Col. Supp.*
Peacock's Ovaline Soap	17
Peake, Allen & Co.	54
Phillips, G., & Co.	18
Poths, H., & Co.	50
Potter & Clarke	40
Price's Patent Candle Co. (Lim.)	14
Rays Medicine Co.	45
Raphael, J., & Co.	57
Read Holliday & Sons (Lim.)	49
Reynolds & Branson	55
Robare's Aureoline	43
Robbins, J., & Co.	19
Sanitas, The, Co. (Lim.)	*Text* 50
Scott's, Dr., Pills	8
Scott & Bowne (Lim.)	9
Scrubb & Co.	16
Seltzogene Patent Charges Co.	20
Sen Sen Co.	44
Singleton & Cole (Lim.)	26
Smith & Sons (Drugs)	44
Smith, J. H.	9
Smith, S., & Co.	25
Smith, T. & H., & Co.	42
Southall Bros. & Barclay	*Back Cover*
Squire & Sons	34
Stevenson & Howell	3
Stipendium Stopper Co. (Lim.)	48
Stokes, G. R., & Co. (Lim.)	50
Strong, C.	9
Thiellay, E. H.	56
Thornton-Pickard Co.	56
Todd, A. M.	14
Tomlinson, Thomas, & Sons	*Col. Supp.*
Tunbridge & Wright	9
Typke & King	37
Tyrer, P.	27
Tyrer, Thomas, & Co.	37
Vi-Cocoa (Lim.)	28
Voleanic Aëration Co.	26
Wand, S.	56
Warren A. & J.	56
Watson & Wates	57
Werner, Pfleiderer & Perkins (Lim.)	54
West, T.	49
Whitbread & Co. (Lim.)	24
Whittaker & Co.	4
Willcox, W. H., & Co.	54
Wilton & Co.	43
Wood, V.	53

CLASSIFIED LIST OF ALL ADVERTISERS

Whose Announcements appear in "THE CHEMIST AND DRUGGIST." Those whose Names do not appear in the preceding Index are published in one of the other issues of this month.

ACIDS
Boulton, J., & Co., Lim.
Burdon, J., & Co.

ADVERTISING SPECIALITIES
Corsan, J. R. | Harris, J.

AERTD & MINRLS
Apollinaris Co.
Barnett & Foster
Bratby & Hinchliffe, Lim.
Chemists Aerated Waters Association, Lim.
Ellis & Son (Ruthin)
Hertz & Collingwood
Hunyadi János
Idris & Co., Ld.
Ingram & Royle, Lim.
Kinmond & Co.
Macfarlan, J. F., & Co
Mills & Co. (Bourne)
Ross, W. A., & Sons, Lim.
Sallyco Water Co.
Seltzogene Patent Charges Co.

AERATED PLANT
(See SYPHONS and ESSENCES)
Barnett & Foster
Bratby & Hinchliffe, Lim.
Tyler, Hayward, & Co.
Volcanic Aeration Co.

AGNCIES ABROAD
Australian Drug Co.
Beynon & Co. | Bolssy
Goegg, G.
Kempthorne, Prosser & Co.
Lennon, G. B., & Co. [(N.Z.)
Peake, Allen & Co.
Smith & Sons
Taylor & Colledge

ALKALOIDS
Howards & Sons (Cinchona)
Macfarlan, J. F., & Co.
Smith, T. & H., & Co.

AMMONIA
May & Baker, Lim.
White, A., & Sons
Woolley, Sons & Co.

APPARATUS
Bennett, Sons & Shears
Berend, O., & Co.
Woolley, J., Sons & Co.

ASTHMA CURE
Potter & Clarke

BAKING POWDER
Goodall, Backhouse & Co.

BATH & FLESH GLOVES
Maw, S., Son & Thompson
Solport Bros.
Wood, Vincent

BATH SALTS
Tidman & Son, Lim. (Sea Salt)

BEESWAX
Bowdlear & Co.
Evans, Sons & Co.
Kemp & Son
Leonhard, T.
Lüneburger Wachsbleiche

BICARB. SODA
Brunner, Mond & Co., Lim.
Howards & Sons
May & Baker, Lim.

BIPALATINOIDS
Oppenheimer, Son & Co., Lim.

BISMUTH PREP.
Hearon, Squire & Francis
Hewlett & Sons
Howards & Sons
May & Baker, Lim.
Tyrer, T., & Co.
White, Alfred, & Sons

BOOKS
Squire's "Companion"
Whittaker & Co.

BORAX
Howards & Sons

BOXES
Austin & Co. (Cardboard)
Ayrton & Saunders
Evans, Sons & Co.
Kent, G. B., & Son
Kilner Bros.
Patent Stopper, Box, and Stamping Co., Lim. (Tin)
Robinson & Sons
Rogers & Co.
Tinplate Decorating Co.

BOTTLES
Ayrton & Saunders
Barnett & Foster
Barrett, R. H.
Bratby & Hinchliffe, Lim.
Breffits, Lim.
Gilbertson, H., & Sons
Hearn, Wright & Co.
Isaacs & Co.
Kilner Bros.
Lynch & Co., Lim.
Maw, S., Son & Thompson
Poths, H., & Co.
Stipendum Stopper Co., Lim.
Toogood, W. | Youldon, E
Volcanic Aeration Co.
York Glass Co., Lim.

BRUSHES
Addis & Son (Tooth)
Evans, Sons & Co.
Hovenden & Sons
Kent, G. B., & Sons

BUNSEN BURNRS
Berend & Co.

BUTTER COLR, &c.
Boulton, J., & Co., Lim.
Müller & Co.
Tomlinson & Hayward

CACHETS
Christy, T., & Co.
Cooper & Co.
Sangers, J., & Sons

CACHOUS
Bleasdale & Co.
Carmichael, M. W.
Jackson, T.
Lloyd, T. H., & Co.
Raimes & Co. | Sen-Sen Co.
Warrick Bros.

CAMPHOR
Howards & Sons
May & Baker, Lim.

CSCRA SAGRADA
Anderson & Co.
Duncan, Flockhart & Co.
Evans, Lescher & Webb
Ferris & Co.
Harker, Stagg & Morgan
Moss, J., & Co.
Parke, Davis & Co.

CAPSULES
Davies, Gibbins & Co.
Droege, Wm., & Co.
Duncan, Flockhart & Co.
Evans, Lescher & Webb
Hooper, B., & Co.
Lloyd, T. Howard, & Co.
Lofthouse & Saltmer
Warrick Bros.

CARBOLIC ACID
Stevenson, H. E., & Co.

CRBNIC ACID GAS
Carbonic Acid Gas Co.

CASTOR OIL
United British Castor Oil Co., Lim.

CERESINE WAX
Boehm, Fredk.

CHALK, PRECIP.
Levermore, Ang., & Co.

CHEMICALS
Boehm, Fredk.
Boehringer, C. F., & Sohne
Boulton, J., & Co., Lim.
Brunner, Mond & Co., Lim.
Davy, Hill & Son, Yates & Hicks
Evans, Lescher & Webb
Evans, Sons & Co.
Farbenfabriken (Bayer & Co.)
Goodall, Backhouse & Co.
Howards & Sons (Pharm.)
Kirkpatrick, Barr & Gnthrie
Lofthouse & Saltmer
Macfarlan, J. F., & Co.
May & Baker, Lim.
Moss & Co.
Norrenberg & Co.
Oppenheimer, Son & Co.
Poppelrenter, W.
Sanitas Co., Lim.
Scottish Acid & Alkali Co., Ld.
Smith, T. & H., & Co.
Stevenson, H. E., & Co.
Tyrer, T., & Co.
Washington Chemical Co.
White, A., & Sons
Zimmermann A. & M.

CHECK TILLS
O'Brien, T.
Stokes, G. R., & Co., Lim.

CHEST PROTCTRS
Liverpool Patent Lint Co.
Lynch & Co., Lim.
Maw, S., Son & Thompson
Newbery, F., & Sons
Schutze & Co.
Solport Bros.
Wood, Vincent

CHLOR. OF LIME
Government Sanitary Co.
Hebden, W. C.
National Chemical Co.
Steele, J. C., & Co,

CHLORODYNE
Davenport (Browne's)

CHLOROFORM
Duncan, Flockhart
Macfarlan, J. F., & Co.
Smith, T. & H., & Co.

COCAINE-HYDRO.
Howards & Sons

COCA WINE
Burrough, J.
Evans, Lescher & Webb
French Hygienic Society
Harker, Stagg & Morgan
Holloway, E. A.
Kemp & Son
Lorimer & Co.
Stephen Smith & Co., Lim. (Hall's)
White, S. B.
Wilcox & Co.

COCOA & CHOCOLT
Cadbury Bros.
Caffyn's Malto-Carnis (Bovril Lim.)
Fry & Sons
Van Houten
Vi-Cocoa (Dr. Tibbles)

COD-LIVER OIL
Allen & Hanburys
Burroughs, Wellcome & Co.
Cuthbert, R.
Davies & Sons & Co.
Evans, Lescher & Webb
Evans, Sons & Co.
Freudenthill & Co.
Harker, Stagg & Morgan
Hill, A. S., & Soo
Kemp & Son
Lofthouse & Saltmer
Lorimer & Co.
Moss, J., & Co
Morrison, R., & Co.
Oppenheimer, Son & Co., Lim
Smith, T. & H., & Co.
Spratt's Patent (Dog Cakes)
Scott's Emulsioo
Southall, Bros. & Barclay
Stevenson, H. E., & Co.
Wright, Layman & Umoey

COMP. MEDICINS
Alleo & Hanburys
Borrooghs, Wellcome & Co.
Davies, Gibbins & Co.
Hooper, R., & Co. | Leo & Co.
Lloyd, T. Howard, & Co.
Parke, Davis & Co.

CONCENT. LIQRS
Balss Bros., & Co.
Davies, Gibbins & Co.
Fletcher, Fletcher & Co.
Lloyd, T. Howard, & Co.
Oppeoheimer, Son & Co.

CONFECTIONERY
Gibsoo & Sons
Goest, T., & Co. | Hillaby, J.

CORKS
Ringrose & Cobb

CORN CURES
Beetham & Soo
Gardner, C. | Potter & Clarke

COTTON WOOL
Robinson & Sons (Absorbent)

CRSHD LINSEED
Evaos, Gadd & Co.
Mumford, G. S.

CYDER
Symons, J., & Co., Lim.

DENTIFRICES, &c.
Beecham, T.
Broonley, H., & Co.
Hoveoden & Soos
Jewsbury & Brown
Stevens, P. A.
Sutton, O., & Co.
Woods, W. (Areca Nut)
Wright, Chas., & Co., Lim.

DENTISTRY
Browning, A. J.
Fentiman, A. G.
Fentiman & Co.

"DIMATOS"
Sonthall Bros. & Barclay

DISINFECTANTS
Calvert, F. C. & Co.
Dossek Bros.
Fletcher Bros. & Co.
Goveroment Sanitary Co.
Granville, A., & Co.
Hebdeo, W. C. | "Izal"
Jeyes' Sanitary Compounds Co.
Kay Bros., Lim.
Kühn, B. (Chinosol, Kresochine)
Mackey, Mackey & Co.
May & Baker, Lim.
National Chemical Co.
Ness & Co.
Read, Holday & Co.
Saoltas Co., Lim.
Steele, J. C., & Co.
Tuson's Disinfectants Co., Ld.
Tyrer, T., & Co.

DOG MEDICINES
Lloyd, T. Howard
Spratt's Pateot, Lim.

DRUGGISTS' SUN.
Ayrton & Saunders
Barclay & Sons, Lim.
Beetley, E., & Son
Bleasdale & Co., Lim.
Dailley & Wilkinsoo
Cartwright, A. S.
Evans, Lescher & Webb
Evans, Soos & Co. (Savars)
Fordham, W. B., & Soos, Lim.
Hoveodeo & Soos
Kay Bros., Lim.
Marshalls, Lim.
Maw, S., Soo & Thompson
May, Roberts & Co.
Moise, B. F., Lim.
Newbery, F., & Soos
Potter & Sacker
Qoelch, H. C.
Sanger & Soos | Schutze & Co.
Sonthall Bros. & Barclay
Tidmao & Soo | Toogood, W.
Wood, Viocent

DRUGS
Allen, S., & Soos (Grioders)
Beynoo & Co
Bleasdale & Co., Lim.
Davies, Gibbins & Co.
Dieterich, Eugen
Kuhn, B.
Lofthouse & Saltmer
Oppenheimer, Soo & Co.
Phillips & Co. [Grinders)
Poppelreoter, W.
Steveoson, H. E., & Co.

DYES
Ayrton & Saunders
Maypole Soap Co., Lim.

EAU DE COLOGNE
Farina, J. M.
Greiner, G., & Co.
Muhlens, F.
Van Oppeo & Co.

ECZEMA
Cullwick's Specialities

ENGRAVERS
Corsao, J. P.

EMBROCATIONS
Bow's Liniment
Day & Sons
Elliman, Sons & Co.
Harvey & Co.
Tuson's Disinfectants Co., Ld.

ENEMAS
British-American Ball Nozzle
Evans, Sons & Co. [Co.
Lynch & Co., Lim.
Sanger & Soo | Wood, Vincent

ESSENCES
Boulton, J., & Co., Lim.
Bovril, Lim. (Beef)
Bratby & Hinchliffe, Lim
Burgoyne, Burbidges & Co.
Bush, W. J., & Co.
Delbanco & Co.
Fletcher, Fletcher & Co.
Goodall, Backhouse & Co.
May & Baker, Lim.
Newball & Mason
Stevenson & Howell
Todd, A. M.
Tyrer, P. (Anchovies)
Woolley, Sons & Co.

ESSENTIAL OILS
Allen, S., & Sons
Blackwell, Hayes & Spilsbury
Boehm, Fredk.
Bush, W. J., & Co.
Delbanco & Co.
Evans, Sons & Co.
Frankenstein, S. M., & Co.
Jakson, J., & Co.
Jeancard, Gazan & Doumin
Lofthouse & Saltmer
May & Baker, Lim.
Poppelreuter, W.
Ransom, Wm., & Sons
Raynaud, Claude, & Co.
Sanitas Co., Lim.
Sozio & Andrioli
Spurway & Cie
Stevenson, H. E., & Co.
Stevenson & Howell
Todd, A. M.
Treatt, R. C. | Warrick Bros.
Wright, Layman & Umney

ETHER
Duncan, Flockhart & Co.
Howards & Sons
Macfarlan, J. F., & Co.
May & Baker, Lim.
Robbins, J., & Co.
Tyrer, T., & Co.
White, A., & Sons
Woolley, Soos & Co.
Wright, Layman & Umney

EUCALYPTUS OIL
Drysdale, J. W., & Co.
Sanitas Co., Lim.
Tasmanian Eucalyptus Oil Co.

EXHIBITION
Medical, Surgical & Hygienic Association

EXTRCTS, FLUID
Allen & Hanburys
Allen, G., & Co.
Bleasdale & Co., Lim
Burgoyne, Burbidges & Co
Davies, Gibbins & Co.
Evans, Sons & Co.
Fletcher, Fletcher & Co.
Hearon, Squire & Francis
Hooper, B., & Co.
Lloyd, T. Howard, & Co.
Moss & Co.
Parke, Davis & Co.
Potter & Clarke
Ransom, W., & Son
Wright, Layman & Umney

EXTRACT MEAT
Armour & Co. | Brand & Co.
Liebig Co. | Liquor Carnis Co.

EXTRACTS, SOLID
Alleo, G., & Co.
Ransom, W., & Son

FEEDG BOTTLES
Burroughs, Wellcome & Co. (Thermo Sale)
Evans, Sons & Co.
Gilbertsoo, H., & Sons
Hearn, Wright & Co.
Hoveodeo & Sons
Kilner Bros.
Lynch & Co Lim.
Marriott, E., & Co.
Maw, S., Son & Thompson
May, Roberts & Co.
Shirley Bros. | Youldon, E.

FILTERS
Berkfield Filter Co., Lim.
Mawson Filter Co.

FLY CATCHERS
Bleasdale, Lim.
Bochao, D. D.
Ford, Shapland & Co.
Marshalls, Lim.
Maw, S., Son & Thompson
Strong, Christy
Tonbridge & Wright
Tyrer, P.

FOOD (Infants' & Invalids')
Alleo & Hanburys
Beanes & Co.
Beoger's Food
Bovril, Lim. | Brand & Co.
Frame Food Co., Lim.
Goodall, Backhoose & Co.
Hawksley, T. (Steriliser)
Horlick & Co.
Irving, Soo & Jones
Kydde & Co.
Lazenby & Son, Lim.
Liebig Co. | Lorimer & Co.
Mellin's Food | Nestlé, H.
Savory & Moore | Tyrer, P.
Vi Cocoa (Dr. Tibbles)

GELATINES
Boehm, F.

GINGER ALE
Bratby & Hinchliffe, Lim.
Chemists' Aerated & Mineral Water Association, Lim.
Ellis & Soo | Hay, W., Lim.
Mills, R. M., & Co.

GLUE
Brauer, A.

GLYCERINE
Boehm, F. | Fink & Co.
Price's Candle Co. Lim.

GRANULAR PREP.
Bishop, A., & Sons
Boulton, J., & Co
Davies, Gibbins & Co.
Evans, Gadd & Co
Evans, Sons & Co.
Hearon, Squire & Francis
Lloyd, T. Howard & Co.
Lofthouse & Saltmer
Tyrer, T., & Co.
Wright, Layman & Umney

GUM
Fink & Co. (Arabic &c.)

HAIR PREP.
Alexandre's Shadeine
Chesebrough Co
Depilene Co.
Edwards & Co.
Thiellay, E. H

HERB BEER EXTS.
Adams, B.
Newball & Mason
Potter & Clarke

HOMŒOPATHIC
Leath & Ross
Watson & Wates

HYPOPHOSPHTES
Duncan, Flockhart & Co.
Fellows
Fletcher, Fletcher & Co.
Tyrer, T., & Co.

INHALERS
Burroughs, Wellcome & Co.
Krohoe & Sesemaon
Lynch & Co., Lim.
Sanitas Co., Lim.

INSECTICIDES
Barclay & Sons, Lim.
Bleasdale, Lim.
Fleming's Oil & Chemical Co Lim.
Jackson, T.
Rudkin's Moth Bricks
Sanitas Co., Lim.
Tunbridge & Wright

JELLOIDS
Warrick Bros.

KETCHUP
Tyrer, P.

LARD
Ewen, J. & Sons

LAVENDR WATR
Jakson, J., & Co.

LINT
Burgoyne, Burbidges & Co.
Christy, T., & Co.
Liverpool Lint Co
Maw, S., Son & Thompson
Newsome, C.
Robinson & Sons

LIQUORICE
Evans, Sons & Co. (Savarini)
Frankenstein, S. M., & Co.
Hillaby, J.
Lorimer & Co.
"Solazzi"

LIQUORS
Blackwell, Hayes & Spilsbury
Davies, Gibbios & Co.
Fletcher, Fletcher & Co.
Lloyd, T. Howard & Co.
Moss, John, & Co.
Oppeoheimer, Son & Co., Lim
Stevenson, H. E., & Co.

LEECHES
Fitch & Nottingham

LOZENGES
Allen & Hanburys
Davies, Gibbins & Co.
Gibson, R., & Soos (Manfrs.
Guest, T., & Co., Lim.
Lorimer & Co.
Raimes & Co.
Warrick Bros.

LUNGPRESERVRS
Zimmer & Co.

MACHINERY
Beonett, Sons & Shears, Lim.
Gardner, W., & Sons
Melin, C. | Pindar, J. W.
Volcanic Aeration Co.
Werner, Pfleiderer & Perkins, Lim.

MAGNESIA
Bleasdale, W., & Co.
Davies, Gibbins & Co.
Evaos, Gadd & Co.
Evans, Sons & Co.
Henry, T. & W. (Calcioed)
Lloyd, T. Howard, & Co.
Washingtoo Chemical Co.

MALT EXTRCT, &c
Alleo & Hanburys
Aoderson & Co.
Blackwell, Hayes & Spilsbury
Borroughs, Wellcome & Co. (Kepler's)
Davies, Gibbins & Co.
Distillers' Co., Lim.
Evans, Gadd & Co.
English Diastasic Malt Extract Co., Lim.
Hearon, Squire & Francis
Lorimer & Co. | Moss, J., & Co.
Oppenheimer, Soo & Co., Lim
Parke, Davis & Co.
Raimes & Co.
Raimes, Clark & Co.
Rohinsoo & Co.

MARKING INKS
Bood (Daoghter of the late John (Ink aod Peocils)

MEDICINE CHSTS
Burroughs, Wellcome & Co.
Day, Son & Hewitt Veterinary
Day & Sons Veterinary

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Ayrton & Saunders
Evans, Lescher & Webb
Maw, S., Son & Thompson
Shirley Bros. | Tyrer, P.

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Howards & Sons
May & Baker, Lim.
Tyrer, T., & Co.

METH. SPIRTS, &c.
Boord & Son | Burrough, J.
Jones & Co. | Phillips, G. & Co.
Smith, S., & Co.
Warren, A. & J.

METHYLENE
Robbins, J., & Co

MICROSCOPES
Darton, F., & Co.

MILK
Hawkesley, T. (Sterilize
Horlick & Co.
Nestlé, H. (Condensed)

MORPHIA
Beynoo & Co.
Macfarlan, J. F., & Co
Smith, T. & H., & Co

OILS, &c.
Anglo American Drug Co.
Calvert Bros., & Co.
Hooper, R., & Co. (Sandal Wood

OINTMENT BASES, &c.
Burroughs, Wellcome & Co. Lanolina
Chesebrough Co. Vaseline.
Davies, Gibbins & Co.
Lloyd, T. Howard, & Co.
Stevenson, H. E., & Co
Wilton & Co. Lim

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Botwright & Grey
Darton, F., & Co.
Raphael, J., & Co

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Hubbuck, T., & Son, Lim.
Stevenson, H. E., & Co.

PALATINOIDS
Oppenheimer, Son & Co., Lim.

PASTILLES
Jacksou, T.

PAT. MEDCNS, &c.
Anglo-American Drug Co., Ld.
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Barclay & Sons, Lim.
Beecham, T. (Pills)
Bow's, Dr., Liniment
Clarke's Blood Mixture
"Daisy" Headache Powders
Edwards & Son
Evans, Lescher & Webb
Evans, Sons & Co.
Fassett & Johnson
Fenning Powders
Goodall, Backhouse & Co.
Guy's Tonic
Holloway (Pills and Oint.)
Hovenden & Sons
Lalor (Phosphodyne, &c.)
May, Roberts & Co.
Newbery, F., & Sons
Richards, J. M.
Roberts & Co.

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Jewel Pen Co

PEPSIN, &c.
Armour & Co.
Burroughs, Wellcome & Co.
Cerebos Limited (Pepsalla
Kühn, B. Papain Finkler
Newbery, F., & Sons (Inglurin)
Oppenheimer, Son & Co.
Parke, Davis & Co
Stevenson, H. E., & Co.

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Pendel, W.

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Bleasdale & Co.
Bloodeau & Cie. | Boehm, F.
Brager, L.
Borgoyoe, Burbidges & Co.
Burroughs, Wellcome & Co.
Bush, W. & J., & Co.
Carmichael, M. W.
Chesebrough Co.
Cleaver, J. & Sons
Cook, E., & Co
Corbyo, Stacey & Co.
Crown Perfumery Co.
Evans, Gadd & Co.
Evaos, Sons & Co.
Ewen, J., & Soos | Farina, J. M.
Frankenstein, S. M., & Co.
Grossmith, Son & Co.
Hovenden & Sons
Lanoline
Lynch & Co., Lim.
Moise, B. F., Lim.
Mulheos, F.
Newbery, F., & Sons (Berdoes)
Pears, A. & F., Lim.
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Schutze, F., & Co.
Sharp Bros. Soap & Perfumery Co., Lim.
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Truffit, H. P., Lim.
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Warrick Bros.
West, T. (Okell's Mona)
Woolley, Soos & Co. (Powder)
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Bush, W. & Co
Jakson & Cn
Ransom, W. & Son
Stevenson & Howell
Todd, A. M

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Robbins & Cn
Sanitas Co Lim
Tyrer, T. & Co

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Allen & Hanburys
Christy, T. & Co
Dee Oil Co Lim
Snowdon, Sons & Co (Jelly)

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Allen & Hanburys
Armour & Co. | Balss Bros
Barron, Harveys & Co
Boehm, Fredk
Boehringer C. F. & Sohns
Boulton, J. & Co Lim.
Burgoyne, Burbidges & Co
Burroughs, Wellcome & Co
Davies, Gibbins & Co
Dieterich, Eugen
Duncan, Flockhart & Co
Evans, Gadd & Co
Evans, Lescher & Webb
Evans, Sons & Co
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Oppenheimer, Son & Co Lim
Parke, Davis & Co
Potter & Clarke
Richards, J. M
Roberts & Co
Smith, T. & H. & Co
Smith, W. F.
Squire & Sons
Stevenson, H. E., & Symes & Co.
Tyrer, T., & Co.
White, Alfred, & Sons
Willows, Francis & Butler
Woolley, Sons & Co
Wyleys Lim.
Zimmermann, A. & M

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Evans, Sons & Co.
Seabury & Johnson
Solport Bros. (Conrt)

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Bradley & Bourdas (Albatum)
Diamond Emery Co
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Toogood (E.c. Pots, regist

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Burroughs, Wellcome & Co
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Darton, F., & Co
Evans, Sons & Co.
Houghton, G., & Son
Howards & Sons (Chemicals
Lockyer, J. F.
Mackey, Mackey & Co
Maxwell, Bayes & Co
Raphael, J., & Co
Reynolds & Branson
Thornton Pickard Co
Tyrer, T., & Co
White, Alfred & Sons
Woolley, J., Sons & Co
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Pindar, J. W.
Toogood, W. (Coater)

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Anderston Apothecaries
Beecham, Thomas
Bleasdale & Co., Lim
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City School (Skerry's)
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Dawes, A. H.
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Josephs, Philip
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Pears, A. & F., Lim.
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Ayrton & Saunders
Beetham & Son [(Lanoline)
Burroughs, Wellcome & Co.
Crosfield, J., & Sons, Lim.
Dee Oil Co., Lim.
Hovenden & Sons
Lynch & Co., Lim.
Malcolm & Co.
Maw, S., Son & Thompson
Moisc, B. F., Lim. [Lim.
Peacock's Ovaline Soap Co.
Sanitas Co., Lim. [Co., Lim.
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Potter & Clark
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Raimes, Clark & Co.
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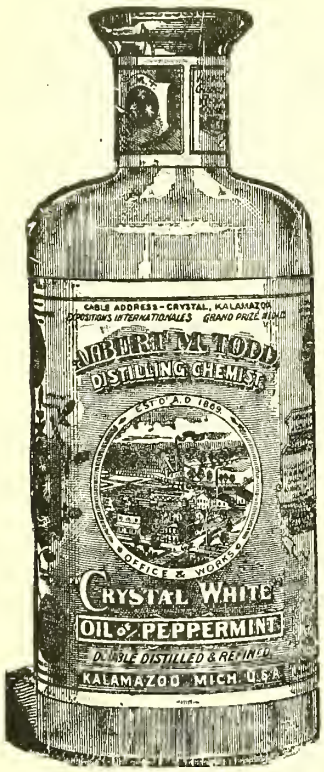

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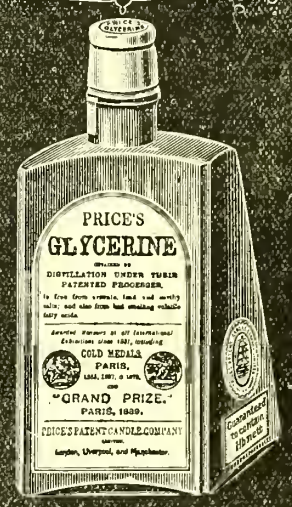

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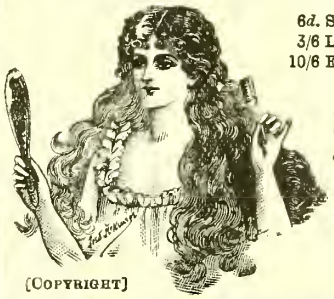

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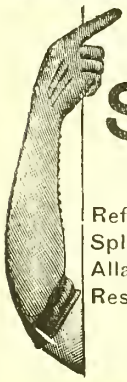

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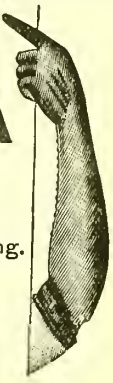

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SOLE PROPRIETORS OF THE FAMOUS "GLENALLAN" PURE MALT WHISKY

7 YEARS OLD. THE CREAM OF SCOTCH WHISKY Per doz. 42/- Per doz

BOORD & SON,

DISTILLERS, FOREIGN WINE AND SPIRIT MERCHANTS, AND METHYLATORS,

ALLHALLOWS' LANE AND BARTHOLOMEW CLOSE, LONDON, E.C.

Quotations for S.V.R. Methylated Spirit and Finish on application.

FINEST ORANGE WINE FOR QUININE.

JAMES BURROUGH, S.V.R. 65 o.p. 60 o.p.

CALE ST., CHELSEA, S.W.

and Methylated Spirit

AT LOWEST PRICES.

WRITE FOR QUOTATIONS

TOILET SOAPS

"PEERLESS ERASMIC."—Retail, 4d. per tablet. 1 gross, 3/4½ per dozen. 5 gross, 3/4 per dozen. Subject to a special discount of 15%.

"ERASMIC HERB."—Retail, 3d. per tablet. 1 gross, 2/4½ per dozen. 5 gross, 2/4 per dozen.

Cash Discounts—7 days, 5%; one month, 3¾%; two months, 2½%.

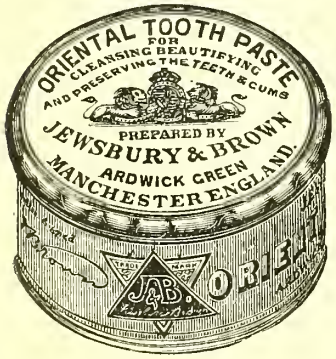
GLYCERINE. Double Distilled, 1260 Sp. Gr. Absolutely Pure.

2-oz. Bottles, Retail 3d. ... 24/- per gross. In Card Boxes.
4-oz. " " 5½d. ... 42/- " " "
8-oz. Bottles, Retail 10d. ... 72/- per gross. In Card Boxes.
16-oz. " " 1/6 ... 126/- " In Cases.

Also in Winchester Quart Bottles, and 28-lb. and 56-lb. Tins. Prices on application.

Cash Discounts—7 days, 5%; one month, 3¾%; two months, 2½%.

J. CROSFIELD & SONS, LTD., WARRINGTON. Estd. 1815.



JEWSBURY & BROWN'S

Oriental Tooth Paste.

Established over 70 years. Warranted to retain its properties and keep good in any climate. The original and only genuine is manufactured solely by

JEWSBURY & BROWN,

ARDWICK GREEN, MANCHESTER.

Particular attention should be paid to the Trade Mark, printed in red and green, a facsimile of which is annexed, as numerous imitations are offered.

MAY BE OBTAINED FROM THE WHOLESALE HOUSES.

Bills and Showcards forwarded on receipt of Address Cards and directions for enclosure.

ARMOUR'S

ADEPS "MOURINE"

(REGISTERED)

Is a highly refined, perfectly neutral preparation, rendered by special process from purified fat of the pig. It does not readily decompose or become rancid, and so forms an excellent ointment base—

non-irritating, soothing, and healing.

On account of these properties it can be brought into use for all medicinal purposes, and forms an invaluable base for ***Pomades, Ointments,*** &c.; and in cases where preparations containing a fatty base have to be kept for considerable length of time it is unequalled.

SAMPLES AND PRICES FORWARDED ON APPLICATION TO

Armour & Company (Chicago), London, S.E.

CHEMICAL DISINFECTANT.

5, 10, and 15 % CARBOLIC Antiseptic and Deodorising Powder.
Bags and Casks free.

AGENTS WANTED
to supply Corporations and large users.

SOLUBLE
SANITARY FLUID
In Casks, and in 2, 1, and ½ gallon Tins.

CHESHIRE BIRD LIME.

In 1d., 2d., 3d., and 6d. Tins. Also in 1, 2, 3, and 7 lb. Tins & Casks, for large consumers and the trade.

ENGLISH & FOREIGN
BIRD LIMES
FOR
Fly Paper Makers.

Special Terms in Wholesale quantities.

"COAGULINE"
(TRADE MARK).
Transparent Cement for Broken Articles.

CUE CEMENT.
CUE-TIP FIXERS
(Brass or Wood).
TIPS, WAFERS CHALKS.

A NEW WHITE CEMENT,
Inorganic and almost Hydraulic.

TRADE MARK.
FOR STONE, PORCELAIN, POTTERY, & ALL VITREOUS SUBSTANCES.
Requires no preparation.
Easy and clean in application.

Prices, Circulars with Name and Address, Specimens, Show Cards, Glass Tablets, &c., &c., on application.

KAY BROTHERS LIMITED, Laboratory and Works, ST. PETERSGATE MILLS, **STOCKPORT.** Founded A.D. 1786 Incorporated 1887

FORMALDEHYDE.

Original Make.

SOLE AGENTS FOR THE UNITED KINGDOM—
J. NORRENBERG & CO.
CANNON STREET BUILDINGS,
139 CANNON STREET, LONDON, E.C.

MANCHESTER DEPOT—
D. LAWTON & CO.
TREVELYAN BUILDINGS,
52 CORPORATION STREET, MANCHESTER.

J. ROBBINS & Co. — 147 OXFORD ST.

METHYLENE.
Obtained by the action of Metallic Zinc on Chloroform and Alcohol.
Discovered to be a general Anæsthetic by Sir BENJAMIN W. RICHARDSON in 1867.
1-lb. Stoppered Bottle, 12s.; ½-lb. 6s. 6d.; 4-oz. 3s. 6d.; 2-oz., 2s.

COMPOUND ANÆSTHETIC ETHER.
For producing Local Anæsthesia.
In 4-oz., 10-oz., and 20-oz. Stoppered Bottles, 2s., 4s., and 7s.

OZONIC ETHER,
In 2-oz., 4-oz., 8-oz., and 16-oz. Stoppered Bottles, 2s., 3s. 6d., 7s., and 12s.

PEROXIDE OF HYDROGEN,
First introduced as a Medicine by Sir BENJAMIN W. RICHARDSON

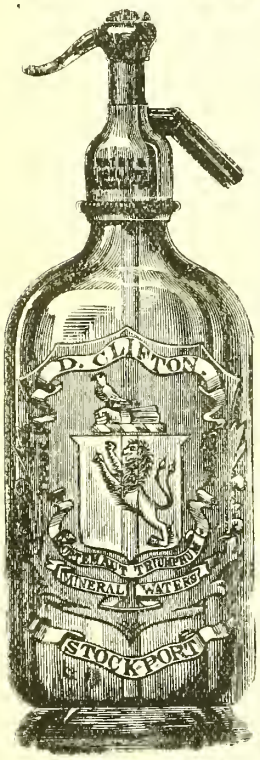
ETHYLATE OF SODIUM
Sir BENJAMIN W. RICHARDSON'S Formulæ, for removing Nævi, &c
In 4-oz. and 1-oz. Bottles, with elongated Stoppers for applying the Caustic, 2s 6d. & 4s.

STYPTIC COLLOID,
For promoting the Healing of Wounds by the first intention.
In 2-oz. and 4-oz. Bottles, with Brush, 2s. 6d and 4s. 6d.; 16-oz., 12s.

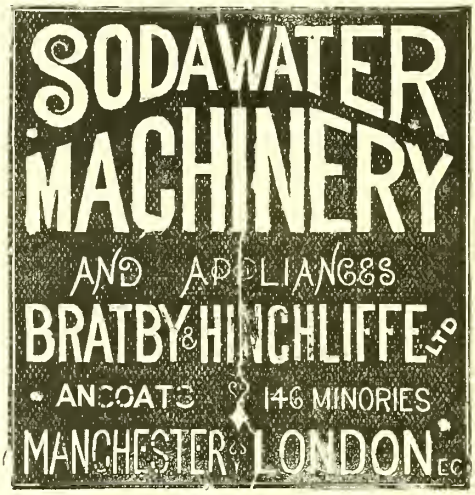
CHARCOAL CAPSULES,
Containing Pure Vegetable Ivory Charcoal.
In Boxes, 2s. 6d. each.

J. ROBBINS & Co. — 147 OXFORD ST.

SYPHONS & SELTZOGENES



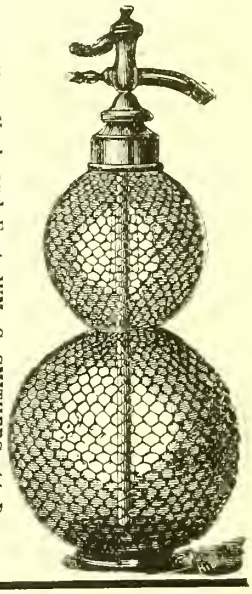
Messrs. J. BARRE JOHNSTONE & CO., 20 Loftus Street, Sydney, N.S.W. Agents for New South Wales, Queensland, and New Zealand.
Messrs. NOYES BROS., 43 Queen Street, Melbourne, Victoria, Agents for Victoria, South and West Australia, and Tasmania



81 ROBERTSON STREET, GLASGOW.

American Agents. For New York and East, WM. G. SMITHERS, 11 Duane Street, New York.
For Chicago and West, VICTOR BAROTHY, 409 Dearborn Street, Chicago.

All our Seltzogenes are manufactured on the well-known "Fevre" System, and each one is thoroughly tested before leaving the works.



PRICES.

SYPHONS ... 1/6, 1/8, and 1/10 each.

SELTZOGENES.

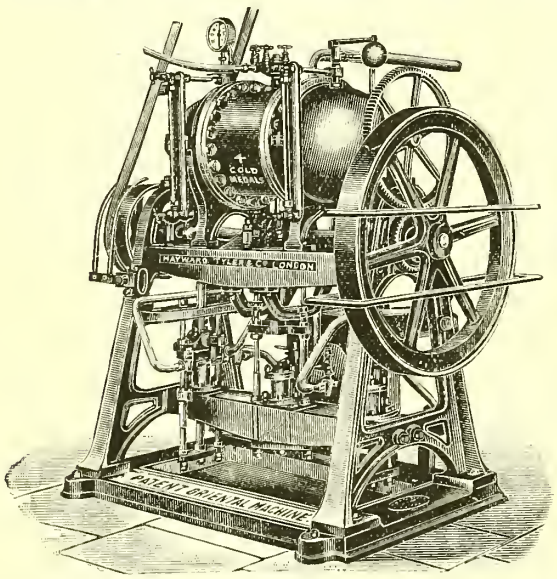
1	2	3	4	5	8 pint.
6/-	6/8	7/6	8/6	10/5	16/- each.

Including two funnels and stopper for charging.
The tops of these Seltzogenes are made of pure block tin, guaranteed.
A copy of our Book of Instructions for the manufacture of Aerated Beverages will be presented to purchasers.

THE "ORIENTAL"

AËRATED WATER MACHINE.

Output 2,500 doz. per day.



HAYWARD-TYLER & CO.
Whitecross Street, LONDON, E.C. [1]

SELTZOGENE CHARGES

("MINERAL" BRAND).

A NEW DEPARTURE.

TARTARIC ACID SUPERSEDED

(See this Journal, 19/12/96, page 880).

British Materials. Inorganic. No Field for Germ Growths.
BETTER. STRONGER. CHEAPER

THE SELTZOGENE PATENT CHARGES CO.
ST. HELENS.

HOLY- -ROOD

TABLE WATER.

Shown by analysis to be **equal** to the **best imported**, and is **FAR MORE ECONOMICAL.**

Highly Commended by LEADING MEDICAL AUTHORITIES

"Messrs. J. F. Macfarlan & Co. have hit upon a really excellent idea—viz., an artificial saline table-water, similar in composition to the popular imported natural aërated table-waters."—*Chemist and Druggist.*

J. F. MACFARLAN & CO.
Abbeyhill Chemical Works,
EDINBURGH.

BARNETT & FOSTER

MANUFACTURERS.

The "COMPACT"

CONTINUOUS ACTION

Soda-Water Machine

For use with the Liquefied Carbonic Acid Gas.

Specially designed for use where space is an object, and for those having a large retail trade, such as Chemists, Hospitals, Restaurateurs, Hotel Proprietors, &c. They are ready for work immediately, require no fixing, and produce Aerated Waters of the very highest quality at a minimum of cost.

We guarantee to produce a better article with these than any other system adapted for using the Liquefied Gas, and at a lower pressure, thus effecting an immense saving in bottles, and also reducing risk of accidents.

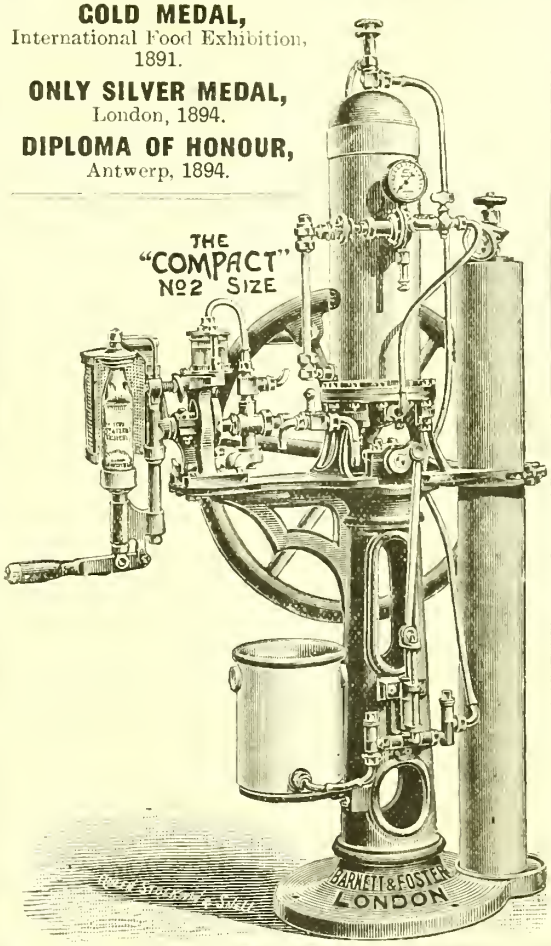
NO DANGER.
NO MESS.
PERFECTLY RELIABLE.

In use by Leading Chemists in all parts of the United Kingdom.

GOLD MEDAL,
International Food Exhibition, 1891.

ONLY SILVER MEDAL,
London, 1894.

DIPLOMA OF HONOUR,
Antwerp, 1894.



No. 1 Size, complete with Turnover and Syphon-filling Machine, and fitted with fast and loose Pulleys for driving by Power. Code word *Supremacy*. **£60**

Two Fillers included.

Producing Capacity by Hand-power 600 dozen per day.

Ditto, by Power, 1,200 dozen per day.

No. 2 Size, complete with Turnover and Syphon-filling Machine. Code word *Royalist*. **£48**

Two Fillers included.

Producing Capacity by Hand-power 350 dozen per day.

Ditto by Power, 700 dozen per day.

No. 3 Size, complete with Turnover or Syphon-filling Machine. Code word *Retailer*. **£33**

Producing Capacity by Hand-power 200 dozen per day.

Syrup Pump fitted to the Turnover Filling-machine on either of above (*Injecto*) £2 extra. If fitted with one Filling-machine only, the two largest Machines are charged £3 less than above prices.

Sole Inventors and Manufacturers of the

"Niagara" Bottle and the London-made Syphon

KNOWN ALL OVER THE WORLD.

Illustrated Descriptive Catalogue of every requirement for the Mineral Water Trade on application.

Niagara Works, 26T EAGLE WHARF ROAD, LONDON, N.

MASON'S EXTRACT of HERBS

Makes the Finest Beverage in the World.

FOR MAKING NON-INTOXICATING

BEER

IMITATED, BUT NOT EQUALLED.

Good! it's Mason's.

One Table-spoonful of Mason's Extract of Herbs makes One Gallon of splendid Beer.

4 GOLD MEDALS

Do not be persuaded to buy any other kind, as the market is now flooded with vile rubbish, most of which contain no Herbs at all, and will not produce the same result. We guarantee ours to be COMPOSED OF HERBS.

HANDBILLS, SHOWCARDS, &c., ON RECEIPT OF BUSINESS CARD.

SOLE MAKERS—

NEWBALL & MASON

Telegrams— "EXTRACT NOTTINGHAM."

NOTTINGHAM.

Telephone No. 1532.

AGENTS WANTED.

NATURAL MINERAL WATERS.

PACKING FREE. **INGRAM & ROYLE LTD.** CARRIAGE PAID.

LONDON—EAST PAUL'S WHARF, 26 UPPER THAMES ST.

VICHY

LIVERPOOL: 19 South John Street.

BRISTOL: 80 Redcliff St.

HUNYADI-JÁNOS

NAME	Per Dozen Bots.	Per Dozen ½ Bots	Original Packages Bottles		Original Packages ½ Bottles	
Æsculap	15/-	12/-	25	30/-	50	50/-
Apollinaris	6/-	5/-	50	23/-	100	36/-
Bourboule (La)	11/-	—	50	42/-	—	—
Carlsbad	12/-	—	50	46/-	—	—
Condal	—	14/-	—	—	50	56/-
Contrexeville	9/-	—	50	35/-	—	—
Flitwick	24/-	15/-	—	—	—	—
Franz-Josef...	12/-	10/-	25	22/6	50	35/-
Friedrichshall	13/-	10/-	25	25/-	50	40/-
Gerolstein	5/-	4/-	50	20/-	50	15/-
HUNYADI-JÁNOS ...	12/-	10/-	25	22/6	50	35/-
Johannis	5/6	4/-	50	21/-	100	32/6
Kronenquelle	9/-	—	50	36/-	—	—
Levico	—	15/-	—	—	—	—

NAME	Per Dozen Bots.	Per Dozen ½ Bots	Original Packages Bottles		Original Packages ½ Bottles	
Oberbrunnen	8/6	—	50	35/-	—	—
Pullna	12/-	8/-	40	36/-	40	25/-
Reginaris	5/6	4/6	50	21/-	50	17/-
Roisdorf	5/6	4/6	50	22/-	100	35/-
Rosbach	5/6	4/-	50	20/-	100	32/-
Royat	9/-	—	50	34/-	—	—
Rubinat	15/-	8/-	25	30/-	100	60/-
St. Galmier	6/-	4/6	50	22/-	100	34/-
St. Marco	11/-	6/6	50	42/-	100	52/-
Salutaris (including bottles)	4/-	2/6	—	—	—	—
Selters...	6/-	4/6	50	24/-	50	17/-
Vals	8/6	—	50	33/-	—	—
VICHY (State Springs), "Celestins," "Hôpital," "Grande-Grille," &c. ...	**8/6**	**6/6**	**50**	**33/-**	**50**	**25/-**

DISCOUNT ALLOWED ON LONDON ORDERS. DETAILED PRICE LIST & PAMPHLET ON APPLICATION

FOR INFANTS & INVALIDS

KYDDE'S FOOD

(MALTED)

IS UNEQUALLED.

Price 1/6 per Tin.

To be obtained from all the principal Patent Medicine Houses. Wholesale Prices upon application.

KYDDE & CO.

10 SOUTHWARK BRIDGE ROAD, LONDON, S.E.

POST FREE!!

80-PAGE ILLUSTRATED LIST

TRADE MARK.

Of CIGARS, CIGARETTES, TOBACCOS (loose & packet), FANCY GOODS, STATIONERY, CUTLERY, &c.

The LARGEST and CHEAPEST House in the Trade.

FRAENKEL BROS.

Manufacturers & Shippers,

P Dept, 58, 59, 60 & 60a HOUNDSDITCH

LONDON, E.C.

SPECIAL CHEMISTS' SUGAR

MACFIE & SONS'

PURE GRANULATED,
ENTIRELY FREE FROM COLOURING MATTER.

For making Syrups and other Pharmaceutical purposes.

GUARANTEED PURE CANE SUGAR.

MANUFACTURED ONLY BY

MACFIE & SONS

Sugar Refiners,

LIVERPOOL.

Samples and Quotations from EVANS, SONS & CO., 56 Hanover Street, LIVERPOOL, on application.

SOLE WHOLESALE AGENTS FOR CHEMISTS & DRUGGISTS—

EVANS, SONS & CO., 56 Hanover St, LIVERPOOL.
EVANS, LESCHER & WEBB, 60 Bartholomew Close, LONDON, E.C.
EVANS & SONS (LIMITED), MONTREAL.

Beer in Bottle.

WHITBREAD & CO.

(LIMITED.)

LONDON COOPER, STOUTS, AND ALES

IN IMPERIAL PINTS AND HALF-PINTS, CORKED OR SCREW-STOPPERED.

Carriage paid, One Ton Lots, by arrangement with Customer, in accordance with Locality and Carriage Rates.

CHIEF OFFICE AND STORES—

277 GRAY'S INN ROAD, LONDON, W.C.

DEPÔTS—

Weston Street, London, W.C.
Britannia Street, London, W.C.
170 Lewisham Road, London, S.E.
Bell Brewery, Tottenham, N.
Stag Brewery, Enfield.
Dunger Place, New Southgate, N.
The Calls, Leeds.
The Arcade, Barnsley.
M. S. & L. Ry., Sheffield.
21 Great Charles Street, Curzon Hall Vaults, 42 High Street, Birmingham.
The Arches, Pall Mall, Liverpool.
M. S. & L. Ry., Store St., Manchester.
East Wharf, Cardiff.
The Arches, Orchard Street, Newcastle-on-Tyne.

ROBERT BAKER,

SOLE AGENT.

"Hall's Wine" Window Show Competition.

£325 IN PRIZES.

First Prize	-	£30	5	Prizes	of	£5	each
Second ,,	-	£20	20	,,		£2	,,
Third ,,	-	£10	100	,,		£1	,,

200 Consolation Prizes of 10s.

A number of our customers having requested us to have another Window Show Competition, we have pleasure to announce that we offer **£325**, divided into 327 prizes, as above. The experience of our first competition in 1895 has led us to slightly alter our conditions.

We shall send the same number of dummies and showcards to **every competitor**, and the prizes will be awarded to those who show the greatest artistic taste in their arrangement.

In the previous competition Mr. R. LEITHEAD, West Hartlepool, gained Second Prize with three dozen dummies: this number, therefore, will be sent to each competitor.

CONDITIONS.

Only retailers who stock "Hall's Wine" and have signed our non-cutting agreement can compete.

Competitors may use advertising matter other than that supplied by us.

The Judges will be the Staff of *Tit Bits* assisted by Sir GEORGE NEWNES, Bart., whose decision will be final, and the prizes will be awarded in strict accordance with artistic merit.

The proprietors will forward the dummies carriage paid.

The Competition commences on August 23rd, 1897, and the window must remain dressed until September 6th, 1897.

Each competitor must forward a photo of his window, at his own expense, on the back of which his name must appear.

Applications for dummies, &c., must reach us not later than July 31st, 1897.

STEPHEN SMITH & CO. (LIM.),
Proprietors of "Hall's Wine."

Malmesbury Road, Bow,
London, E.

Profitable Extras for Chemists.

TOBACCO, CIGARS, CIGARETTES.

AND TOBACCONISTS' FANCY GOODS.

All Packet Tobaccos, Cigarettes, and other Tobacconists' Proprietary goods supplied at Manufacturers' own List Prices
Every Smoker's Requisite and all Novelties—Up to Date—in one order.

MINIMUM OF TROUBLE—MAXIMUM OF PROFIT.

SEND FOR ILLUSTRATED PRICE LIST (200 PAGES), POST FREE.

SINGLETON & COLE, BIRMINGHAM.

MAKE YOUR OWN MINERAL WATERS.

See Pages 442 and 443, *Chemist and Druggist* Diary, 1897.

A great many Chemists, Hospitals, &c., are using this simple and most effective Plant, and producing splendid Aërated Waters.

SUPPLIED ONLY BY

THE VOLCANIC AËRATION CO., 203 Great College Street, LONDON, N.W.

J. G. CHAPMAN, Proprietor.

A. MILLAR & CO., LTD., DUBLIN.

PURE ORANGE WINE

(VINUM AURANTII, B.P.), prepared in strict accordance ith the Formula of the British Pharmacopœia.

CHEMISTS

COMMENCING

BUSINESS

Would do well to see that their orders for LABELS, CIRCULARS, BILLS, POWDER POCKETS, PRESCRIPTION BOOKS and ENVELOPES, BOTTLE CASES, PAPER and PAPER BAGS, &c., are executed in Good Taste and Up-to-Date Style. A Good Start is the Highway to Success.

HARRISON & WAIDE

Up-to-Date Printers,

LEEDS,

send Samples for Three Stamps.

26

Re

COLEMAN'S Wincarnis

COLEMAN'S Crown Imperial Invalid Champagne

COLEMAN'S Coca Wine

COLEMAN'S Wincarnis with Quinine

COLEMAN'S Coca Wine with Quinine

The above Medicated Wines, with the exception of Wincarnis with Quinine and Coca Wine with Quinine, cannot be sold without a Foreign Wine Licence.

Under certain conditions Messrs. COLEMAN & CO., Limited, are prepared to Pay for a Foreign Wine Licence.

FOR PARTICULARS APPLY TO

MESSRS. COLEMAN & CO, LTD.

Wincarnis Works, NORWICH.

PETER TYRER'S SAUCES

WORCESTER, READING, HARVIE, YORKSHIRE, AND "BOROUGH" KETCHUP.

SILVER MEDAL.

	Per gross.	Extra quality.
1d. Sample Bottles, dozen parcels	5/3	6/3
" " ½-gross boxes	5/9	6/9
1d. Giant " dozen parcels	6/-	8/6
" " ½-gross boxes	6/6	9/-

	Per gross.	Extra quality
½ Bottles, flat or round, reputed half-pints	16/-	28/-
½ " " " pints	28/-	38/-
1 Pint Imperial, round stoppered bottles	52/-	62/-
12½-Gallon Casks (*casks free*) each	20/-	32/-

ROYAL CAFE SAUCE, a Rich Fruity and Exquisite Flavour.

Square Glass Stoppered Bottles, containing nearly ½-pint Imperial, 42/- per gross. Sample Bottles at 7/- per gross.

MANUFACTORY — 30 SOUTHALL PLACE, LONG LANE, BOROUGH, LONDON, S.E.

CHIEF SCOTCH AGENCY — West Nile Street, GLASGOW.

GUEST & CO.

CITY WORKS, CARRUTHERS STREET, MANCHESTER.

MAKERS OF MEDICATED LOZENGES AND JUJUBES.

B.P., T.H. Ph., and General Proprietary Lozenges. Finest Gum Jujubes and Pastilles—Glycerine and Black Currant, &c. Granular and all other Effervescing Preparations. Boiled Sugars, Floral Tablets.

SEND FOR LIST, SAMPLES, AND COMPARE.

TELEPHONE 235. TELEGRAMS "GUESTO."

ADAMS'S EXTRACT

FOR

HERB BEER

QUALITY AND FLAVOUR UNIQUE.

Certificate of Analysis from GRANVILLE H. SHARPE, F.C.S.

I have submitted to a very careful analysis a sample of ADAMS'S EXTRACT OF HERBS and find it be a highly concentrated preparation composed of judiciously selected herbs in combination with hops, and in the manufacture of which much skill and scientific judgment have been exercised.

It contains in an admirable and attractive form valuable tonic, stomachic, and dietetic properties, and there is an entire absence of undesirable admixture in any form.

It should prove a valuable acquisition in the world of non-intoxicating drinks, as when used according to directions it produces a beverage of high merit, refreshing and palatable to the taste and wholesome and invigorating to the system.

PROPRIETOR—

B. ADAMS, MANSFIELD

When applying for quotations please state approximate requirements in Bulk or Packed.

Secure this Agency! Look at the terms!

HOLLOWAY'S

Sale or Return.

33⅓ % discount.

COCA WINE

Guaranteed made from the Leaf.

Carriage Paid.

Cases Free.

THE BEST. Write for Particulars,

E. A. HOLLOWAY, A.P.S., TORQUAY.

N.B — We guarantee to create demand at once.

DR. TIBBLES' VI-Cocoa

THE WHOLESALE PRICE.

RETAIL PRICE.	PER DOZEN.
6d. Packets (Two Dozen in a box)	5/-
9d. Tins (Two Dozen in a box)	7/6
1/6 Tins (One Dozen in a box)	15/-

DISCOUNTS.

5 per cent. Discount on Orders up to £5.
7½ per cent. Discount on Orders for £5 and upwards.
Terms—Cash within 7 days.
Carriage Paid on Orders value £2 and upwards.

N.B.—The above Discounts are from 3¾ to 6¼ per cent. better than can be obtained from any other source, whilst the merits of DR. TIBBLES' VI-COCOA are far greater than any other similar preparation in the world.

LIMIT OF CUTTING.

The Proprietors hereby give notice to the Trade that the limit of "cutting" prices of DR. TIBBLES' VI-COCOA has been fixed as under:—

6d. Packets to be sold at not less than 5½d.
9d. Tins ,, ,, not less ,, 8½d.
1/6 Tins ,, ,, not less ,, 1/4½

Full Prices to be obtained wherever possible.

FURTHERMORE,

Any Chemist, Grocer, or Stores cutting below these prices will be refused supplies direct from ourselves. And in this connection it is important to note that in £5 lots and upwards no trader in the kingdom, "Wholesale or Retail," can obtain more than the 7½ per cent. discount we offer.

Furthermore, as we pay carriage on orders value £2 and upwards, it will not be possible to obtain the advantage of this concession, nor that of the exceptional discounts we offer, unless our ruling as to the "cutting" of price is complied with.

Read the foregoing, send your order to

DR. TIBBLES' VI-Cocoa Ltd.,

60, 61, and 62 BUNHILL ROW, LONDON, E.C.

And obtain your fair share of the profits that are daily being made by our customers everywhere.

THE MOST ECONOMIC, CONVENIENT, & PORTABLE FORM OF SOUP.

LAZENBY'S SOUP SQUARES

(MULLIGATAWNY, GRAVY, JULIENNE, ETC.)

FOR MAKING FRESH SOUP, OR IMPROVING HOME MADE STOCK.
EACH SQUARE WILL PRODUCE

1½ PINTS OF STRONG NUTRITIOUS SOUP

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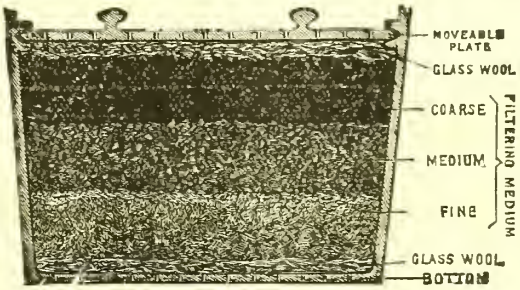

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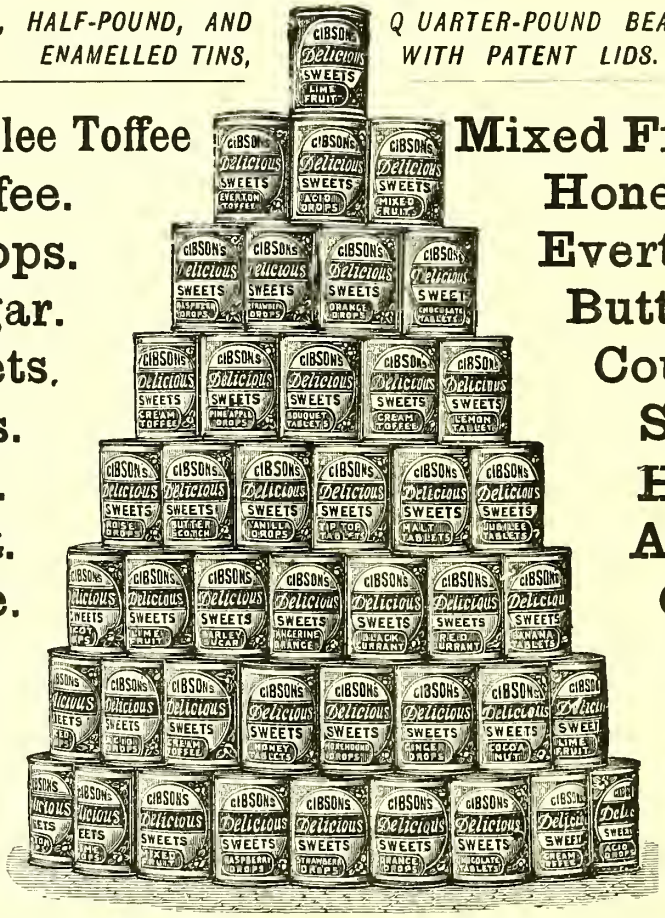
Ginger.
Musk.
&c., &c.



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Cherry.
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In the Report of the Research Committee of the British Medical Association for 1896, it is recorded—

> That Dr. E. Lloyd Jones has continued his observations on the blood of healthy persons and chlorotic young women. He made a series of charts showing the change in the blood of chlorotic patients who were under treatment with different preparations of iron. So far as these observations go, they show that Carbonate of Iron in the form of the

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510.	Hypophosphites Co. (equiv to drachm 1 of Syr. Hypophosph. Co.)	9/6	42/-
511.	Blaud's Pill grs 4 Arseniate of Sodium gr 1/32. Ext. Nux Vomica gr. ¼ ..	—	42/-
512.	Blaud's Pill grs 4, Ext. Cascara gr. ¼	9/6	42/-

BIPALATINOIDS.

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531.	Blaud's Pill grs. 4, with Strychnine gr. 1/32	9/6	42/-
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LIQUIDS.	Per Gross.
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Cajuput Oil m. 5	3/6
Chlorodyne m. 5, 10, from	3/-
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Croton Oil m. 1	3/6
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Turpentine m. 5	3/6

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Cascara Ext. grs. 2	8/6	2/9
Digestive (Pepsin. Conc. gr. 1, Ext. Nux Vom. gr. 1/16, Gingerin. gr. 1/16, Sulphur gr. ½)	8/6	2/6
Euonymin gr. 2	8/6	3/6
Easton's Syrup = drachm 1	—	3/6
Ferri Phosph. Co. (Parrish's Food = drachm 1 Syrup)	8/6	3/6
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Pepsine gr. 1..	8/6	2/6
Peptonic	9/6	3/6
Phenacetin grs. 5	8/6	3/-
Quinine grs. 1, 2, or 3, from	—	1/3
Quinine grs 2, Gelsemin gr. ¼	—	5/6
Salol grs. 5	8/6	3/-
Sulphonal grs. 5	12/-	4/-
Thyroid Gland = 5 grs fresh gland	—	3/6
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See page 103 *of "THE CHEMIST AND DRUGGIST" WINTER ISSUE.*

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"It is considerably ahead of the average text-books, and affords a valuable standard of reference to those who are anxious to keep pace with pharmaceutical advances, the allusions relating in many instances to current literature bearing the date of the present year."—*Lancet*, March 24, 1894.

"The present edition has evidently been revised with the greatest care, of which evidences are to be found on almost every page. Altogether, the improvements are so great that many of those who already possess the work will find it worth while to have the new issue."—*Practitioner*, June, 1894.

"The contents extend far beyond the limits of the Pharmacopœia, as a very large number of unofficial drugs and preparations are considered with the same care and minuteness as the others."—*British Medical Journal*, June 16, 1894

London: J. & A. CHURCHILL, 7 Great Marlborough Street, W.

THE CHEMIST AND DRUGGIST

ESTABLISHED 1859.

Subscription: Fourpence a Week, Ten Shillings a Year. Summer and Winter Numbers, 1s. per Copy.

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THIS JOURNAL is regularly supplied by subscription to the whole of the Members of TWELVE PHARMACEUTICAL SOCIETIES in the British Empire.

CONTENTS: Vol. LI. No. 2.

	PAGE
Australasian News	40
Bankruptcy Reports	49
Business Changes	51
Colonial and Foreign News	41
Correspondence:—	
Irish Affairs; Sale of Poisons in France; Abortefacients; Foreign Buyers and London Terms; Income-tax	64
Dispensing Notes	65
Miscellaneous Inquiries	65
Information Wanted	66
Deaths	51
Deeds of Arrangement	56
Editorial Comments:—	
The Privy Council and the By-laws	52
British Pharmaceutical Reciprocity	53
Germany Does Not Like It	54
Yorkshire Relish Trade-mark	54
Dr. Rentoul's Midwives' Bill	55
A Bacterium which Lives in Alcohol; Fewer Failures; "Reliable Recipes"	55
Editorial Comments (*cont.*):—	
Nothing New Under the Sun; Chelidonine	56
English News	36
French News	40
Gazette	56
Irish News	39
Legal Reports	47
Marriages	51
New Books	44
New Companies and Company News	56
P.A.T.A.	57
Personalities	53
Pharmaceutical Society of Great Britain:—	
Council Meeting	42
More New By-laws	45
Benevolent Fund Donations	46
Pharmacy Act Case	57
Scotch News	39
South African News	41
Trade Marks Applied for	51
Trade Notes	58
Trade Reports	59
Westminster Wisdom	56

POSTCARD COMPETITION.

ONE GUINEA is offered for the best four-line verse descriptive of some drug or chemical product. Any metre may be adopted, and every line must rhyme with some other line of the verse. Subscribers, their families, and their assistants are eligible to compete, and postcards containing the verses must reach us not later than Saturday, July 24.

CIRCULARS AND PRICE-LISTS.

WE would ask those who are thinking of having an inset in the Summer Number of THE CHEMIST AND DRUGGIST to communicate with our publisher as soon as possible. The number will be published on the last Saturday of the present month (July 31), so that there is not too much time to have things put into proper shape, and to secure good positions for the insets. As we have previously stated, the number will be an exceptionally attractive one, the cover being produced by the colour-photography process, and the contents will be of varied and permanent interest; therefore it will present an exceptional opportunity for advertisers. The Summer Number is looked for by the drug-trade all the world over, which is the best evidence of its value.

SUMMARY

A SUPPOSED DEATH from female pills is reported on p. 36.

THE NAMES of the School of Pharmacy medallists are given on p. 44.

DR. DE VRY, the veteran quinologist, is this year's Hanbury medallist (p. 44).

DR. RENTOUL has drafted a new Midwives' and Nurses' Registration Bill (p. 55).

MERRICK, the tooth-paste man, has gone to hard labour for three months (p. 36).

PROFESSOR PLUGGE, a notable Dutch pharmacist, has died during a visit to Java (p. 51).

A WOMAN HAS DIED in London from the effects of an excessive dose of podophyllin (p. 38).

DRUG-TRADE FAILURES numbered 25 in the first half-year 29 in the first six months of 1896 (p. 55).

CARRIERS are only required to deliver goods in front of the shop-door, says Mr. Commissioner Kerr (p. 49).

OVER 2,200*l.* was obtained for the Pharmaceutical Benevolent Fund at the decennial dinner and since (p. 43).

MAY a chemist separate two dogs fighting in his shop by sprinkling ammonia over them? "Yes," says Judge Lushington (p. 49).

THE RESEARCH ON CHELIDONINE by the late Mr. Arthur J. G. Tyrer is referred to in an abstract of a posthumous paper on p. 56.

A PHARMACY ACT case was heard at Bloomsbury County Court. An unqualified assistant was fined, but said he had no money (p. 57).

WE print a portrait of Dr. George F. Duffey, the new medical knight, who is visitor to the Irish Pharmaceutical examinations (p. 58).

COLONEL MAJENDIE has at the Exmouth inquest on the coloured-fire fatality made the law in respect to compounding such explosives very clear (p. 37).

ADULTERATION CASES reported include a conviction for selling milk containing an excessive amount of boric acid and one for weak spirit of nitre (p. 48).

FENNINGS'S COOLING-POWDERS figured in an inquest at Homerton, where the active ingredient was said to be antimony, which Mr. Fennings denies (p. 36).

SOUTH AFRICAN NEWS is interesting this week. We particularly commend for consideration a Bulawayo druggist's bill. Rinderpest news is peculiar (p. 41)

MR. JUSTICE STIRLING decides that the same trade-mark may not be registered for more than one person or firm, even though the applicants desire that this shall be done (p. 48).

THE PHARMACEUTICAL COUNCIL is now more inclined to deal with reciprocity of certificates with Greater Britain (p. 44). Australia has moved in the matter (p. 40) following us (p. 53).

THE PRIVY COUNCIL has not approved the Pharmaceutical by-laws, but has suggested that the new conditions should be made to apply after a three-years' interval from now (p. 44 and p. 52).

INTERESTING POSTAL ITEMS are mentioned by our Parliamentary correspondent; and reciprocity of professional certificates with the colonies has also been referred to in the House (p. 56).

THE HOUSE OF LORDS has unanimously supported the judgments of the lower Courts in support of the claim of Messrs. Goodall, Backhouse & Co. to the practical monopoly in the title "Yorkshire Relish," although they could not register this as a trade-mark (pp. 47 and 54).

B—C

Local newspapers containing marked items of news interesting to the trade are always welcomed by the Editor.

The Tooth-paste Frauds.

At Staffordshire Sessions on June 30, Emile Hoffman Merriek, of Dresden, was indicted for obtaining money by false pretences. This was the prisoner who advertised Imperial tooth-paste at 1*s.* per pot, and announced that purchasers were entitled to participate in a competition for bicycles. The police said that when they searched the prisoner's residence neither cycles nor tooth-paste were found. In defence, prisoner said he intended to carry out his undertaking justly and honourably. He was arrested before the competition closed, and but for that the terms of the advertisement would have been carried out. He was found guilty, and sentenced to three months' hard labour.

Collapse of Chemical-works.

On July 1 a considerable portion of the chemical-works of Messrs. Earp & Co., Runcorn, suddenly collapsed with a fearful crash, causing great alarm in the neighbourhood. The building was erected six months ago for the manufacture and storage of borax. The works were in full operation when the accident occurred, and a number of workmen had narrow escapes.

How Messrs. Beecham Celebrate the Jubilee.

A moiety of the employés of Messrs. Thomas Beecham & Son, of St. Helens, left that town on July 1 for a trip to Douglas for a week's holiday at the expense of the firm, in commemoration of the Queen's Jubilee. The other half of the employés will go this week when the first lot return. The firm have also intimated to the whole of the tenants of their extensive property that they have decided not to charge anything for rent for Jubilee week.

Female Pills.

Dr. Danford Thomas held an inquest last week, at New Providence Hall, Edgware Road, on the body of Ada Heselton Field, aged 30 years, the wife of a coachman. Dr. Buller, of 10 Southwick Street, Edgware Road, said he was called in to see deceased on June 22. She was then suffering from diarrhœa and pains in the abdomen. She said she had taken some corrective pills. She died on the 27th. He had made a *post-mortem* examination, and found 10 oz. of pus, or matter, in the abdomen, the intestines matted together and inflamed, and the peritoneum was also inflamed. Something in the pills had evidently caused the inflammation. There was nothing else to account for it. A pill-box, containing two pills, was produced in court, and Mr. Henry Busby, of 564 King's Road, Fulham, said they had been purchased at his establishment. They were made up from the following prescription:—1½ gr. colocynth, ½ gr. Cape aloes, ¼ gr. capsicum, 1½ gr. sulphate of iron, and ½ drop of pennyroyal. They were made up with syrup and glycerine. The box originally contained a dozen or fourteen pills. The pills were "female pills." He had sold them for years without any injurious effects. The doctor suggested that the deceased had taken an overdose of pills, and the jury returned a verdict that death was due to peritonitis, or inflammation of the covering of the intestines, due probably to an overdose of the pills.

An Apprentice's Necessaries.

Gilbert Thomas Goundry (16) was charged before the Eastbourne Magistrates on Saturday last with embezzling three sums of 2*s.* 6*d.*, 6*d*, and 6*d.*, belonging to George Robert Harris, his employer, chemist, 44 Terminus Road. He had been in Mr. Harris's employ as acting apprentice, no indentures having been drawn out. On June 24 prosecutor went to dinner and left the prisoner in charge of the shop. On his return he found several entries of sales had been made by the prisoner on the till cash-sheet, but there were no entries of a bottle of scent, 2*s.* 6*d.*; a toothbrush, 6*d.*; and a bottle of glycerine and cucumber, 6*d.* After first denying that he had sold these, Goundry admitted that he had done so, and told his master that he had taken the money for "necessaries." The prisoner pleaded guilty; and the father of the lad, who had come from Newcastle-on-Tyne, appealed to the Bench to deal with his son under the First Offenders Act, and the prisoner was bound over to come up for judgment if called upon, his father to recoup the prosecutor for his loss, and agreeing to pay the costs of the proceedings—1*l.* 19*s.*

The Coroner and the Pharmacy Act.

Mr. Wynn Westcott, the Coroner, might save the authorities some trouble if he would make himself better acquainted with the Pharmacy Act. He held an inquest on July 2, at Hackney, on a 6-year-old child, named Waters, the son of a draper, who had died rather suddenly. The mother said he was taken ill with pains in the stomach, and she gave him a cooling-powder, but he died the next day. Dr. A. S. Dawson, of Homerton, said he wished to call the attention of the jury to this statement, because this was the third case in the same street recently where he had been called in after these powders had been given. It was well known in the profession that the powders contained tartar emetic, a preparation of antimony, a poison which had a very depressing effect. These powders were sold promiscuously, yet ⅛ gr. of antimony was sufficient to produce vomiting. The autopsy showed death to be due to syncope following pneumonia, which he believed was accelerated by the intense heat and the depressing effect of the powder.

The Coroner: There is no doubt that these powders contain a drug of a very powerful nature, and they should not be given without medical advice.

Witness: That is so; but there are many ignorant people buy them and give them to their children.

The Coroner: Yes; they often buy them on some grossly exaggerated advertisement.

A Juror: If they are poisonous it is a scandalous shame that they are allowed to be sold to anybody who asks for them.

The Coroner: They are a patent medicine, and bear a 1½*d.* stamp, according to law, and in that way evade the Poisons Act.

The jury returned a verdict in accordance with the medical evidence, adding that, "having heard in evidence that a certain powder had been given to deceased the day before death, and further that such powder is a patent medicine, and contains a preparation of antimony, which has a seriously depressing effect, we recommend that some statutory limit should be placed on the sale of such drugs, so that they could not be administered in the absence of skilled medical attention."

The Coroner said he would forward the jury's rider to the proper authorities.

[We asked Dr. A. S. Dawson to inform us who was the maker of the powders to which he referred in his evidence. The following is the doctor's reply:—

118 High Street, Homerton, N.E.,
July 5, 1897.

SIR,—The mother of the boy Waters bought two or three powders in the Roman Road, and she asked for "Fennings's" powders. Yours faithfully,
ALFD. STANHOPE DAWSON.

By the same post we had the following letter from Mr. Fennings:—

Salus Villa, Cowes, I.W.,
July 5, 1897.

SIR,—In the report of an inquest on the death of a child at Homerton it was stated that Fennings's cooling-powders contain an inflammatory poison—to wit, antimony. I wish to affirm in the most emphatic manner that my powders do not, and never have, contained antimony or any poisonous ingredient, and that the wording of my advertisement is literally true—that they are free from calomel, opium, morphia, or anything injurious to a tender babe. These powders have now been in use some forty years, and hardly a day passes without receiving some grateful testimony from customers. I am, Sir, yours truly,
ALFRED FENNINGS.]

Plucky Chemist's Assistant.

On Saturday week a little girl fell into an ornamental pond at Torquay, on Carry Green, and was pluckily rescued by Mr. Sinan Chalekian, an Armenian, and a chemist's assistant in the employ of Mr. Holloway, the well-known chemist of that town. After some difficulty Mr. Chalekian succeeded in restoring animation.

A Magistrate on Chemists' Wine-licences.

At Exeter last week the transfer of the off wine-licence in respect of No. 166 Fore Street, Exeter, from Messrs. Kitts & Martin (Messrs. Stone & Son, chemists and druggists) to Mr. E. F. Stone, the new tenant, was granted; but Mr. J. Knapman (the presiding Magistrate, who is stated to be a retired chemist) regretted that Excise licences were required for medicines. He was afraid much of this wine was bought for other than medicinal purposes. Another Magistrate concurred in these remarks.

How much Salt is there in Brine?

A question as to the quantity of brine required to produce a ton of salt was raised at Cheshire Quarter Sessions in an appeal by the Salt Union against a rate levied by the Northwich Compensation Board Mr. C. M. Blades, chemist and druggist, Northwich, was called by the Board as an expert. His opinion was that 1,000 gallons of brine had to be pumped to produce a ton of salt. The appeal was dismissed with costs.

Stealing Poison for Suicide.

During the temporary absence of an attendant at the Ashton Infirmary, on June 29, a patient named James Tollett went to the medicine-cupboard, took a bottle containing belladonna-liniment, and drank a fatal dose of the poison. The cupboard is now locked.

Mr. Luck does not Believe in Medicines.

At the Eastbourne Board of Guardians session, on July 2 one of the members, Mr. Luck, attacked the medical officer and astonished the other members by declaring that it was his firm opinion that if there were no medical men in the country and all the drugs were gone there would be less disease and suffering. That view, he said, was supported by Sir Astley Cooper, who said that medicine was founded by conjecture and improved by murder. A resolution disapproving of Mr. Luck's remarks was carried, Mr. Luck himself alone voting against the motion.

Coloured Fires and the Explosives Act.

At the adjourned inquest held by Mr. Deputy-Coroner Cox at Exmouth, on July 2, on the body of Frederick Henry Sellick (14), of Union Street, Exmouth, who died from injuries received by the bursting of a tin of coloured fire at Exmouth on Jubilee night, important evidence was given. The deceased and Mr. Westcott Abell (a naval-engineer student, and son of Mr. Councillor Abell) were members of a brake-party which proceeded to Chudleigh, and on returning Mr. Abell lit some coloured fire, the tin containing which exploded, injuring his hand so severely that it had to be amputated, and inflicting such injuries to the lad Sellick that he died two days later. Evidence of the purchase of the materials by Mr. Abell at Mr. Stevens's (chemist) was given last week. The inquest had been adjourned for the attendance of a Government Inspector. Colonel Ford, of the Board of Trade, was now present. After general evidence had been taken Mr. Thomas Bertrand Abell was called, and was informed that he was not bound to give any evidence which might incriminate himself and could refuse to answer any question on that ground. The witness's solicitor said his client would make a full statement. Mr. T. B. Abell then said that his brother Westcott brought home the ingredients for making red, white, and blue fire on the evening of June 19, and witness manufactured the lights at home on the morning of Monday, June 21, mixing the ingredients in the proportions appearing on page 177 of "Inorganic Chemistry," by V. V. Lewes. By Colonel Ford: He had a knowledge of chemistry, obtained at school. He knew that chlorate of potash, one of the ingredients, was easily decomposed in the presence of sulphur. He had no licence to manufacture fireworks. He was not aware of any special danger in the admixture of chlorate of potash and sulphur or that an Order in Council had been issued in 1894 prohibiting the manufacture of fireworks containing the ingredients. He was not in the brake at the time of the accident He was not aware of an additional danger caused by the presence of sulphate of antimony. By Mr. Vine (his own solicitor): He had passed the examination of the College of Preceptors, first in all England in chemistry, but did not profess to know much about explosives. The book was by a Government man, and he therefore thought the formula would be safe. After making the lights he tested them and they went off very quietly. He had no idea he was infringing the law by making the lights.

Colonel Ford gave evidence as an expert. He said he was an Inspector of Explosives. The mixture of chlorate of potash and sulphur in fireworks was dangerous, and on that account was absolutely prohibited except by permission of a Government Inspector. He had very little doubt that the explosion was caused by the white fire being poured into the spoon which had already been heated by the burning of the red fire in it. Had the fire been lighted in the ordinary way no explosion would have occurred. The temperature of the tin might have been 1,000° Fahr., and the igniting-point of sulphur was only about 500. A provision in the Explosives Act made the manufacture of fireworks, except in a licensed factory or in a small firework-factory, illegal, and another provision that fireworks should not be discharged in the public streets. By Mr. Vine: The Order in Council prohibiting the mixture named was published in the *London Gazette*, *Edinburgh Gazette*, and *Dublin Gazette*. Mr. Vine: Which scarcely anyone ever sees.

Arthur Henry Toone, chemist and druggist, of Rolle Street said he lent a pestle and mortar for Mr. Abell's son to make coloured fires. He did not know that the manufacture of coloured fire was illegal.

It was stated that Mr. Westcott Abell was still confined to his bed.

The jury found a verdict of accidental death.

Two remaining tins of the composition, which were produced at the inquest, were ordered to be taken away in water.

Hampers on the Side Walk.

The Plymouth Magistrates had before them on Monday the case of Messrs. Martin & Palmer, chemists, East Street, who were summoned for causing an obstruction. Mr. P. T. Pearce, who defended, said the only means defendants had of getting goods out of their cellar was through an opening in the footpath. On the day named a number of hampers had been placed on the footpath for the carrier, but as he was late, the obstruction remained longer than was intended. Defendants gave an assurance not to repeat the offence. The Chief Constable said he was aware the defendants had no outlet at the back of their premises, but on the occasion in question the footpath was obstructed for an hour and ten minutes. After defendants' assurance he would withdraw the case.

Brandy Kills a Child of Six.

A coroner's jury at Devonport on Monday found that William Winsor, aged 6, died from misadventure through having taken an excessive quantity of brandy.

Advertising Ideas

A Diamond Jubilee souvenir has been issued by Messrs. Holman, Ham & Co., of Exeter, dealing with the Royal family.

The Jubilee elevation of Hull to the dignity of cityhood has suggested to a number of local tradesmen the idea of identifying their establishments with the distinction. Among the new "city" businesses two local chemists have assumed the title "City Pharmacy." Their rival claims to this glory will have to be settled by the inexorable law of the survival of the fittest

The public of Canterbury are getting such conundrums as the following thrown at them:—"Who broke the monopoly? Who brought down the prices? Who sells the best drugs and chemicals the world produces? Who are the cheapest chemists in Kent?" The answer, according to the advertisement, is "Walker & Harris, the chemists, Sun Street."

Messrs. Wynne, Tighe & Son, chemists, Exeter, have adopted a novel advertisement for their corn-plasters. They announce how to perform "the greatest feat of the age. *Modus operandi.*—(1) Cover the corn exactly with the plaster; (2) interval; (3) remove plaster, when the corn will be found to have entirely disappeared. This feat may be performed by persons of all ages, but the secret is the plaster must be Grant's."

Mr. F. H. Glew, 156 Clapham Road, S.W., has, in connection with his radiographic laboratory, issued a striking little card. One side of it exhibits the simplicity of radiography, as it shows a back view of a stoutish lady lying upon a couch having her ankle photographed. She is reading the while. The picture also helps to exhibit the laboratory fittings. The back of the card contains particulars of the uses of *x* rays and of the fees charged.

On Pleasure Bent.

Messrs. Evans, Gadd & Co., wholesale druggists, of Exeter, took their staff for a day's trip on Saturday last. The party, numbering about seventy, left Exeter by the 7 o'clock train, and proceeded to Beeralston, by the picturesque route through Dartmoor. From Beeralston they proceeded to Calstock, where they boarded a pleasure-steamer and journeyed down the Tamar to Plymouth. After a trip round the breakwater, the excursionists were fit to do full justice to the dinner provided at Matthews's Restaurant. Alderman H. Gadd, J.P., occupied the chair; Mr. W. J. Wippell the vice-chair. The Chairman read a letter from the Plymouth, Devonport, Stonehouse and District Chemists' Association cordially welcoming the party to Plymouth and inviting them to use the premises of the Association. A number of toasts were proposed, those of "The Queen" and "The Firm" being especially heartily received. The afternoon was spent in exploring Plymouth and its neighbourhood, and the party found themselves once more in the ever-faithful city about 10 P.M.

On Saturday last Mr. W. Kuhlenthal, European manager of the Rio Chemical Company, of St. Louis, and 36 Basinghall Street, E.C., invited his staff for their annual outing to Taplow-on-the-Thames. The weather was all that could be desired, and a happy day was spent.

The Leicester Chemists' Social Union have organised an excursion to Mountsorrel granite-quarries and the new reservoir at Southland for Thursday next, July 15 A meat-tea is to be provided at the Reservoir Hotel, Cropstone. Brakes will start from Municipal Square at 2.30 P.M.

The Brighton Association of Pharmacy will have an excursion to Parham Park on Thursday, July 22. They are to leave Brighton at 9.45 by train for Bramber, visiting the castle and church. They will walk to Steyning, where lunch will be served. By carriages they will drive to Parham Park and House, which will be specially opened by the courtesy of the Earl de la Zouche. Dinner at the White Horse, Steyning, at 6 P.M. Tickets for the trip 12*s.* 6*d.*

The Brighton Junior Association of Pharmacy has arranged an outing to take place on Sunday, July 11, to Arundel. Tickets, 5*s.* 6*d.* (inclusive).

A "Chemist's Assistant" Charged.

George Ernest Butler (20), a well-dressed young man, giving his address as "Sandown," Cromwell Road, Wimbledon, and his occupation as that of a chemist's assistant, was charged at the Southwark Police Court on Tuesday with stealing from inside the bar at the Brunswick Arms, Stamford Street, 3*l.* 10*s.*, the moneys of James Caslin, licensed victualler. The prosecutor said the prisoner was introduced to him the previous evening. They had some champagne together, and afterwards prisoner went into witness's private sitting-room to wait for a friend. He took the opportunity to steal 3*l.* 10*s.* from the till. The prisoner was remanded in custody.

The Unqualified Pill-maker.

At a Coroner's inquest, held on Tuesday, on Mrs. Sarah Ingram, of Chantler Road, Custom House, E., it appeared that death was due to suffocation following paralysis, which arose from taking a dose of podophyllin. It appeared in evidence that the husband of the deceased, who is an engine-driver carries on a business, inherited from his wife's father, of the manufacture and sale of podophyllin pills. Mrs. Ingram found a difficulty in swallowing the pills, so took a dose of the podophyllin. The jury returned a verdict of death from misadventure, and the Coroner expressed the opinion that unqualified people should not be allowed to meddle with this sort of thing.

Cricket.

Played at Tottenham on June 26 Bolland C.C. *v.* May & Baker C.C. Scores: Bolland, 81; May & Baker, 56.

On June 26, at Brockley, Davy-Hill's C.C. played Heron C.C. Result:—Heron, 58; D.-H., 118 for 6 wickets. H. S. Collins scored 31 and the brothers Sibley 20 each for the latter.

"Pills *v.* Quills" was the designation of a match played at Stockport on July 1 between teams representing medical men and lawyers. The Quills scored 101 for 4 wickets, against their opponents' 90.

Last Saturday Burgoyne, Burbidges & Co. played the North Metropolitan Tramway Co.'s C.C. on the latter's ground at Hale End, when the home team were defeated by 71 runs. Scores: Burgoynes, 114; N.M.T.C.C.C., 43.

Mr. P. Trentham Maw (one of Mr. Charles Maw's sons) is captain of the Harrow C. C. this year. He is, says *St. James's Budget*, "one of our best public school bats, and, in addition, has earned the reputation of being a splendid captain, knowing when to change his bowling and how to arrange his 'field,' in a manner worthy of an old county skipper." Mr. Maw captains his side in the Eton and Harrow match this week.

Accident at a Mineral-water Works.

Last week Ellis Harper, of Colchester, whilst washing some bottles at the mineral-water works where he was employed, sustained severe injuries to his eye by the bursting of a fully-charged bottle that was near, the pieces of which flew up into his face.

Scalded in Quassia-decoction.

An inquest was held on July 1 at the hospital, Maidstone, on the body of William Page, who met with a fatal accident by falling into a copper of boiling quassia at Lee the previous Saturday. It appeared that deceased, a boy of 8 years of age, was in a field with a man who was boiling quassia. Whilst the latter had his back turned, deceased got near one of the coppers and fell in up to his waist. The jury returned a verdict of accidental death.

Poisons by Prescription.

In our report of the inquest at Hampstead last week we stated that the bottle containing the glycerine of belladonna did not bear the name of a chemist on the label. We have since ascertained that we were misinformed. The label was as follows:—

For outward application only.
(In red.)

To rub in twice daily.
10748. Mrs. Tate's baby.

Davies,
Associate of the Pharmaceutical Society,
Fortune Green Road,
West Hampstead, London, N.W.

Pharmacy Prizes at Plymouth.

On Tuesday Mr. Turney presented the prizes awarded by the Plymouth Association in pharmacy and Latin, on the report of Professor Greenish. Mr. Turney urged apprentices to take advantage of the excellent classes organised for their benefit. They had opportunities in Plymouth which compared favourably with any other town in the country. The prizes given were:—Pharmaceutical Latin: (1) W. Hellyer, Green's "Botany"; (2) H. Vibert, Newth's "Chemistry." Pharmacy: (1) J. Ivey, Newth's "Chemistry" and Ince's "Latin Grammar"; (2) A. Downing, Perkin and Kipping's "Organic Chemistry"; (3) S. Darke, Proctor's "Pharmacy" (presented by Mr. O. A. Reade).

Local newspapers containing marked items of news interesting to the trade are always welcomed by the Editor.

The Cost of the Jubilee in Dublin.

Claims for injuries to property sustained during the late Jubilee disturbances in Dublin have been lodged with the Corporation, in accordance with the statute, by the following pharmaceutical chemists:—Mr. W. Hayes, Grafton Street, 26*l.* 4*s.*; Messrs. Hoyte & Co., Lower Sackville Street, 14*l.* 4*s.* 4*d.*; and the Apothecaries' Hall, Mary Street, 4*l.* 12*s.* 4*d.* There are in all 113 claimants.

Dublin Exhibition in 1898.

A meeting was held last week in Dublin for the purpose of starting an exhibition of industries in the city next year, to which all branches of trade and commerce would be invited as exhibitors. The Lord Mayor has been asked to call a public meeting in the Mansion House in reference to this exhibition.

Storing Petroleum in Dublin.

At a meeting of the Dublin Port and Docks Board on Monday, a letter was read from the Anglo-American Oil Company, stating that they were anxious to get space to erect storage for oil, so that they could import oil in bulk into the city instead of in barrels, as they now do. Oil was now handled in bulk in all large centres except in Dublin, and this method was the safest one to adopt in dealing with oil. Under the new system the oil would be imported in tank-ships. The matter was favourably entertained by the Board.

Repentant Guardians.

On Saturday last, at a special meeting of the Glenties Board of Guardians, a letter was considered from the Local Government Board on the subject of an inquiry recently held by Dr. Edgar Flinn into charges made against certain of the Guardians in connection with the contracts and supplies to the Union. The report alleged irregularities, and indicated that the authorities at Dublin were considering the evidence with a view of a probable prosecution of the Guardians implicated. A resolution was passed expressing sorrow for the irregularities complained of, which arose through ignorance on the part of the Guardians referred to and not through any desire to defraud, and asking the L.G.B. to overlook the offence on this occasion. The allegation is that the Guardians concerned had used their positions for the purpose of private gain.

Guardians and Unusual Medicines.

The Listowel Board of Guardians have passed a resolution requiring the dispensary medical officers of the Union to attend in future the meetings of their respective dispensary committees, and explain to the Guardians the nature of the drugs and medicines which they require. It is unkindly suggested to the committee that, with a view of gaining personal experience, they should sample the medicines, especially such as elaterium or tartrate of antimony, when they would probably be convinced that they were active and efficacious.

Treating a Baby's Colic.

At an inquest, held at Belfast on Monday, on an infant 5 weeks old, it was stated that the child was taken ill with colic on Friday evening, when his mother gave him some laudanum in whisky-punch as medicine. The child died the next day from laudanum-poisoning, the doctor said. The jury found to this effect, and added a rider that, while they considered there was neglect on the part of the mother of the deceased in administering the laudanum without ascertaining the proper dose, they believed she did so from ignorance and without any criminal intent. They, moreover, thought that the same restrictions placed upon the sale of all other poisons should be applied to the sale of laudanum, and they requested the Coroner to forward that opinion to the Home Secretary.

Local newspapers containing marked items of news interesting to the trade are always welcomed by the Editor.

Advertising Ideas.

Chemists south of the Tweed have not a monopoly of smartness. Mr. Samuel Lawrence, of Oban, has turned to good account the formulas for medicated-wine essences, published in the *C. & D.* Winter number, by putting them up in 1½-oz. bottles to retail at 1*s.*, and issuing a handbill with the following wording well displayed:—

The increasing demand for medicated-wines, the inability of chemists to supply these unless holding a wine-licence, and the reluctance of wine-merchants to stock them—the profit thereon being considered too small—has induced Samuel Lawrence to turn his attention to the manufacture of concentrated fluid extracts, which, added to port wine, instantly produce superior full-strength medicated-wines. After considerable research and experiment, he is now enabled to place on the market the following concentrated fluid extracts—viz., cinchona (red bark), coca, kola, meat and malt—one shilling bottle of which, mixed with a reputed quart (wine-bottle) of good-quality port wine, yields a superior full-strength medicated-wine of the corresponding drug, the dose of the wine thus produced being from a half to one wineglassful two or three times a day.

Mr. Lawrence adds that "A sample will be sent free, on application, to any medical man who may wish to try the essences."

A Day Off.

The members of the Aberdeen and North of Scotland Society of Chemists and Druggists and their friends had their annual outing on June 30. Leaving Aberdeen at 6 45 A.M., by saloon carriages, they reached Edzell at 8 50 A.M., and breakfasted in the Panmure Arms. Then followed a three-hours' drive through magnificent scenery, and in ideal picnic weather. Snapshots of Gannochy Bridge and other picturesque spots were taken on the way. Returning to Edzell and the Panmure Arms, dinner was served. Later, the party enjoyed a delightful run through the policies of Lord Dalhousie at Brechin Castle. They got back to Aberdeen at 9 5 P.M. Most of the principal chemists of Aberdeen and neighbourhood took part in the trip.

Edinburgh Chemists', Assistants', and Apprentices' Association.

The second botanical excursion of the season took place on the evening of July 2, and was conducted by Mr. W. B. Cowie. About twenty members travelled by train to Inveresk, and walked along the banks of the Esk to Musselburgh, returning to Edinburgh by last train. The following plants were collected:—*Papaver Rhœas, Capsella Bursa pastoris, Nasturtium officinale, Lychnis diurna, L. Flos-cuculi, Silene inflata, Stellaria Holostea, Malva sylvestris, Acer pseudoplatanus, Ulex europæus, Trifolium repens, Spiræa Ulmaria, Potentilla anserina, Rosa canina, Ægopodium Podagraria, Chærophyllum temulum, Myrrhis odorata, Sambucus nigra, Galium cruciatum, G. verum, G. Aparine, Petasites vulgaris, Senecio Jacobæa, Convolvulus arvensis, Chrysanthemum leucanthemum, Veronica Chamædrys, Lamium album,* and *Stachys sylvatica.*

A COMMON TOBACCO CIGARETTE may usually be converted into an arsenical cigarette by rubbing it over the arsenically-coloured wrapper in which they are sold. So says Dr. William Murrell in the *Medical Brief.* 'Tis a pity to waste such wit upon those who are not in a position to appreciate it.

French News.

(*From our Paris Correspondent.*)

TREATMENT OF ECZEMA.—Dr. Gaucher, in a communication to the Paris Hospital Medical Society, supports the statements of Dr. McLennan, of Glasgow, as to the value of a saturated solution of picric acid in the treatment of moist eczema.

PLANTS AND THEIR HISTORY.—The first volume of an interesting work by Professor Ch. Jorets on "Plants: their History, Usages, and Symbolism in the Ancient and Middle Ages," has just been published. It refers to the Oriental world, and especially to Asia and Egypt. The subject is treated from the pharmaceutical, agricultural, alimentary, and other points of view in a very curious and exhaustive manner.

COMMERCIAL PHARMACY.—A professorship of commercial pharmacy, "to instruct young apothecaries as to the best methods of fighting the cutters," is proposed by M. E. Schmidt, a well-known pharmacist, as a desirable addition to the Paris professoriate. He does not, however, expect his suggestion to be taken very seriously by the pharmaceutical authorities, but evidently considers it a possible future development.

DIPHTHERIA EXPECTORATIONS.—The virulence of the expectorations of diphtheria patients is now generally acknowledged, but it is interesting to note that two French provincial practitioners—Dr. Goumy, an army doctor, and M. Crozette, veterinary surgeon, of Noyon—have just made known the result of experiments made by them, which show that the virulence can exist for over seven months in membranes preserved from the action of light.

A MORPHINOMANIAC'S SUICIDE.—A probate case tried at Beauvais last Friday revealed a curious tale of a morphinomaniac's suicide. On June 11, 1895, a young barrister—M. E. Dubus by name, and aged 30—was found dead in a public watercloset on the Place Maubert, Paris. A Pravais' syringe lay by his side, together with a written declaration that he had destroyed himself by "subcutaneous absorption of an overdose of poison." He had also left a will, the terms of which did not meet the views of his family, as he named a young lady of the Latin quarter as his heiress, and hence the lawsuit. Insanity was the reason to which the suicide was attributed; but the Court held that the fact of a man being a morphinomaniac was not sufficient proof of insanity, and maintained, therefore, that M. Dubus was in possession of his civil rights at the time of his death. It further transpired that the sum in dispute was 600,000f. (24,000*l.*), and was inherited by the suicide only a few days before his fatal act from his grandfather. It is supposed that he was unaware of his good fortune. He was of delicate health and poetic temperament. His verses were much appreciated by the youth of that region of Paris in which the very unlifelike Trilby was supposed to have passed her life.

AN ACADEMY CANDIDATE.—The only candidate who has yet come forward for the *fauteuil* at the Paris Academy of Medicine, rendered vacant by the death of Professor Bourgoin, is M. Balland, a chief pharmacist of the French army. There are only five chief pharmacists of the "first-class" in the French army, of whom two, MM. Balland and Burcker, are at Paris. They have the rank, uniform, and pay of a colonel. These higher grades of French army pharmacists would be more correctly styled "chemists." Their duties are largely confined to analyses. M. Balland's laboratory is at the Invalides, and few tourists who visit Napoleon's tomb have any idea of the maze of administrative departments contained in the adjacent building. The staff under M. Balland's direction analyses food, drink, and even clothes (the latter with a view to seeing that the material and dyestuffs are according to the schedule) for use by the army. New inventions, &c., are examined there. M. Balland's hobby (like M. Planchon's) is the history of his predecessors. His "Historical Notes on Military Pharmacists," "Biographies of the Army Pharmacist-Inspectors" (from Bayen and Parmentier to Schmidt and Marty), and "Notes on the Sanitary Services of the Army" are interesting little works covering a century of French military history. Nearly two hundred "Scientific Works of French Military Pharmacists" have also been catalogued by him, and this compilation, containing a short biography of each contributor to this branch of science, extended over 125 pages.

Australasian News.

NEW GOLD-MINING PROCESS.—Much interest is being taken in a new process of treating quartz, which has been adopted with great success in New Zealand. The process is the discovery of Mr. Daw, a mine-manager, and experiments made, with the aid of a five-stamper battery, have proved that it is particularly suited to the treatment of the peculiar class of ore mined in the Auckland district. The quartz put through the mill is generally roasted in the kiln before it is sent to the stampers, and after being ground into a powder is treated by the cyanide. With Mr. Daw's method the quartz is crushed wet, a solution of cyanide being placed in the stamper-boxes, and he claims that he is able to put through twice as much in a given time as is possible with the first-named process, and at the same time obtain a greater percentage of gold. A battery of forty stampers to use the new process, which is also about to be adopted by the Waihi Company, is already being erected.

BELLEMEY'S BICYCLE.—Mr. R. T. Bellemey, the Melbourne pharmacist, has patented a bicycle-wheel, which it is claimed will supersede the pneumatic tyre. Instead of that tyre, so liable to puncture, the rim of the wheel is studded with steel spiral-springs, on top of which is a thin rim of wood and solid rubber, which makes a tyre fifty times stronger than the pneumatic one, and no heavier. By an ingenious contrivance of a steel ring around the hub—not touching the hub, but supported by several steel spokes leading to the outer rim—the rotundity of the wheel in motion is maintained to a nicety. The specification is very complete, and provides for the employment, in the rims, of both steel and wood. Two years have been occupied in perfecting the idea. The greatest difficulty experienced was that of maintaining the rotundity of the wheel, as the springs give resilience under weight. Needless to say, Mr. Bellemey will float the invention as a company.

THE SOUTH AUSTRALIAN REGISTRATION-FEES.—The case (referred to on page 7 of our last issue) in which the South Australian Pharmacy Board prosecuted a chemist for refusing to pay an annual registration-fee has ended in favour of the defendant. The Magistrate said that the only question was whether a person once registered was always qualified to practise, unless his name was erased according to the provisions of the Act, or whether there were to be a series of registrations. The Legislature might have intended that there should be a registration every year, and to make it punishable not to take out an annual certificate to practise, as in the case of a solicitor, but neither was clearly set out in the Act. Therefore the case was not proved, and would be dismissed. But the defendant would be deprived of costs, because his name was on the register and he had the advantage of the publicity which registration gave him, yet he declined to pay the fees demanded by the Society.

NEW SOUTH WALES WANTS A "QUID PRO QUO."—The Pharmaceutical Society of Queensland have invited the Society of New South Wales and the Pharmacy Board of Melbourne to join with them in representing to the Pharmaceutical Society of Great Britain the desirability of reciprocity between the colonies and Great Britain in the matter of pharmaceutical diplomas. The New South Wales Society have accepted the invitation, and Mr. A. Foster, their Secretary, has written to his Victorian colleague urging him to do the same. In this letter Mr. Foster says that so far as the present want of reciprocity exists the disadvantage is entirely on the side of the colonies, who have generously admitted British qualifications, while Great Britain has not reciprocated, possibly because the British Act does not empower the Pharmaceutical Council to do so, but in the near future New South Wales expects to be in a position, by

means of the Bill now before Parliament, to be able to say to all parts of the world, Great Britain included, 'We will recognise your qualifications if we see proper cause for doing so.' Possibly," continues Mr. Foster, "the future New South Wales Board who may administer the Act may not be so generously disposed as the framers of our present legislation have been in the past, and may require a *quid pro quo* from Great Britain, with regard to the admission of chemists from that country. I do not put this by any means as a reason for seeking reciprocity, or as a threat, but as tending to show the drift of public opinion in this direction."

South African News.

FLOODS AT PORT ELIZABETH.—Within the past few weeks Port Elizabeth has suffered from an excessive fall of rain. Many of the business-houses were literally afloat, and in certain pharmacies the drugs of the "dry" order joined the ranks of the "wet," until rescued.

FRUIT IN THE COLONY.—The Cape Colony lemon and orange season has commenced, and the markets show good supplies. One enterprising firm of chemists at King William's Town used over thirty thousand lemons during May in the preparation of "squash." Limes are also plentiful, and the quality of some of the juice obtained rivals that of the best-known West Indian brands.

JUBILEE MEMORIAL AT CAPE TOWN.—Among the subscribers to the Queen's Hospital Fund to commemorate the Record Reign chemists take prominent positions. B. G. Lennon & Co. contribute 100*l.*; P. G. Petersen & Co., 26*l.* 5*s.*; Heynes, Matthew & Co., 25*l.*; and the employés at Lennon's, 25*l.* In the suburban townships around Cape Town also the "Commemoration" subject is "booming," and the chemists are prominent in the management of affairs.

THE CHEMIST'S LITTLE BILL.—The following is a copy of a chemist's bill sent in recently to the British South African Chartered Company in Rhodesia. It will be seen that the prices differ slightly from those at home :—

	£	s.	d.
2 lbs. zinc ointment at 10*s.* per lb. ...	1	0	0
2 lbs. sulphur at 5*s.*	0	10	0
1 gallon linseed oil at 21*s.*	1	1	0
6 lbs. bluestone at 10*s.* per lb.	3	0	0
6 bars Calvert's carbolic soap	1	4	0
10 gallons carbolic oil	36	0	0
2 oz. alum	0	2	0
400 horse-balls (sulphate of iron, ginger, and gentian)	40	0	0
1 gallon spt. turpentine	1	1	0
1 pint linseed oil	0	5	0
	£84	3	0

Whilst some of the charges may appear rather stiff it must be remembered that the cost of getting goods up-country is heavy. Yet a few little bills like the above help to reconcile the pharmacist to the hardships of up-country life.

THE RINDERPEST.—This plague is making greater progress than the scientists and veterinary experts are making against it, and whilst Dr. Koch and Surgeons Edington and Hutcheson are endeavouring to prove their several theories the cattle die by thousands, and the transport of goods by bullock-cart is seriously affected. A significant fact is that the Cape Government have given up hopes of coping with the disease. They have withdrawn the Cape Mounted Police from the borders, where they have been on rinderpest duty, and sent them to shoot rebels in Bechuanaland, instead of shooting infected cattle. The pest has broken out at Nqamakwe, and all waggons are stopped at the Kei Bridge, the main road of ingress from the Transkei, the largest native territory in the colony. The boom in wire-fencing has gone down, for the germs have been carried across by birds of prey, who disgorge the tainted flesh, thereby spreading disease on the grass on which healthy oxen feed. Inoculation has proved futile, and it is feared that the disease will run its course to the coast-line. Many cases of black gall have been mistaken for rinderpest inside the border, and the owners of herds and the veterinary surgeons—whose decisions are final—are consequently on bad terms with each other.

SCARCITY OF CALF-LYMPH.—The medical men in Cape Colony are said to be much annoyed because, although strict vaccination laws are in force all through the colony, there is hardly any lymph to be had at present. The lymph used in Cape Colony is supposed to be produced at the Government Bacteriological Institute at Graham's Town, but it is alleged that for the past eighteen months that Institute has not produced any effective lymph whatever. All the medical men in the colony seem agreed that the Graham's Town lymph does not "take," and that therefore they cannot comply with the Vaccination Acts. Many of them have for months past given up all attempts to vaccinate their patients. This report, which we take from the *Transvaal Critic*, may probably be somewhat exaggerated, because, so far as we know, there is nothing to prevent the importation of European calf-lymph into South Africa, and several manufacturers of vaccine-lymph in this country will no doubt be glad to supply all possible requirements of the medical profession at the Cape. The *Critic* also says that Dr. Edington, who, as chief of the Bacteriological Institute, is responsible for the supply of calf-lymph, is at present so busy in conducting rinderpest-researches that the Agricultural Secretary of the colony, who has been approached on the subject of the ineffective supply of lymph, replied that he would not like to disturb Dr. Edington about anything at present.

Colonial and Foreign News.

STATE PHARMACIES IN RUSSIA.—It is reported that the Russian Ministry of Finance are engaged in working out a scheme for the nationalisation of all pharmacies in the Russian Empire. The investigations are being conducted by a mixed commission of representatives of the Ministry of Finance and the Medical Department.

CANDY *v.* COLLECTION.—A deputation of members of St. Paul's Methodist Church, Toronto, waited upon the Mayor of the city last month and asked that steps be taken to stop druggists in the vicinity of the church from selling soda-water and candy on Sunday. They said the Sunday-school collections were falling off because such desecration was permitted.

THE MANNHEIM CHEMICAL INDUSTRY.—The chemical industry in the district of Mannheim is described as having had an extremely prosperous year in 1896, in spite of the severe check in the export trade to America which it experienced during a portion of the year. Sixteen new factories were established, but they are mostly on a small scale, the aggregate capital being only about 1,000,000*l.*

SPIRIT-DRAWBACK IN CANADA.—The Canadian Government have, in response to an agitation in the drug-trade there, permitted druggists to obtain a drawback of 75c. per proof gallon on spirit used for the production of preparations in the manufacture of which alcohol is destroyed for potable purposes. The same rate has hitherto been allowed to perfumers only.

CANADIAN SPONGES.—Mr. Laurence Lambe, in a paper on the sponges of the Atlantic coast of Canada, which has just appeared in the "Transactions of the Royal Society of Canada," gives a complete catalogue with descriptions of the marine sponges hitherto obtained from this coast and from the river and gulf of St. Lawrence. The list embraces thirty-one species, of which seven are new to science. *Nature*, from whom we quote, does not state whether any of these are marketable or not. The sponge family is a large one.

JUBILEE OF THE OOTACAMUND BOTANIC GARDENS.—The Ootacamund Botanic Gardens celebrate their jubilee this year. They were opened during the Governorship of the Marquis of Tweeddale, in 1847, and now cover an area of about 51 acres. The object with which the gardens were founded was to improve horticulture in the Madras Presidency; to introduce vegetable productions not indigenous to India, and to further the distribution of seeds and plants. The gardens are estimated to cost more than 21,000r. for the present year, and the expenditure is progressively increasing.

Pharmaceutical Society of Great Britain.

COUNCIL MEETING.

THERE was a depressed air about the councillors on Wednesday, which was not altogether due to the somnolent weather which London is suffering from at present. A little bird had whispered that his Grace the Duke of Devonshire was not quite of the same opinion as the Council and the members of the Society regarding the urgency of the ten-guinea Minor fee, and, to put it bluntly, he has not approved of the amended by-laws which the Society finally passed on May 19. But that business was kept to the end of an unusually protracted sitting, and was not regarded as an item of ordinary correspondence. Tributes having been paid to the memory of Professor Plugge, a Dutch *savant* who was a corresponding member of the Society, and to that of Mr. F. M. Rimmington, of Bradford, the finance report was passed with becoming expedition, although it left the Council fully 800*l.* to the bad after the unusual examination receipts of June had enriched the exchequer. The Benevolent Fund report showed little of interest so far as number of applications was concerned, but the appeal for relief by a pharmaceutical chemist aged 74, who has been a member of the Society for forty years, awoke the sympathy of the members, and in addition to a 10*l.* note the applicant had his name placed on the list of annuity candidates. The report of the Decennial Dinner Committee showed the total net receipts to be 2,260*l.* A longish discussion ensued upon this, in the course of which several members spoke warmly about the whole-hearted service which the Secretary renders to the fund, these remarks being uniformly applauded. The principal item in the library report was the re-nomination of Mr. Thomas Tickle as Salter Research scholar; then there was a first glimpse of Glasgow hospitality when delegates to the British Pharmaceutical Conference there were appointed. Following this came the reappointment of the School staff (without change) and the selection of the veteran Dr. de Vry, of the Hague, for the ninth Hanbury medal. The by-laws were the next business, and the President got through the tough job with distinction, scarcely dwelling at all upon the Privy Council's non-approval of the Society's scheme, and leaving his audience with the impression that the further amendments were made at the suggestion of the Privy Council. The new amendments, which were submitted in print, and were taken as read a first time, substantially amount to this—that the new conditions will not be imposed (in theory at least) upon those now in the trade, or who have passed the Preliminary examination—that is to say, they will not come into operation for three years, or till September, 1900. The Council agreed to meet next Wednesday in order to read the by-laws a second time; they will be read a third time on August 4, and on the same day a special general meeting of the Society will be held to approve or otherwise of the by-laws. The business was got over without demonstration, then a line from the Law and Parliamentary Committee enabled the President to say that an attempt will be made to bring in a Pharmacy Bill next Session if members and associates of the Society throughout the country show any disposition to support the Council. Mr. Martindale got the Council to petition the House of Commons in favour of the Metric Weights and Measures Bill. A letter of the Pharmacy Board of Victoria regarding reciprocity was referred to the Law and Parliamentary Committee with somewhat greater hope of action than the similar request from the Quebec Society was greeted with six months ago, for reasons which are given elsewhere. Finally, the professors reported on their prize competitions, from which the medallists have come out as follows:—Mr. H. M. Morgan (practical chemistry), Mr. H. E. Mathews (chemistry, pharmacy, and botany), and Mr. Pierre E. F. Perrédés (materia medica).

Business commenced at 11.20 A.M., when all the members were present except Messrs. Grose (Swansea), Johnston (Aberdeen), Storrar (Kirkcaldy), and Southall (Birmingham). Mr. Walter Hills occupied the chair, and Mr. G. T. W. Newsholme the vice-chair. The minutes were read, and, arising from them, the PRESIDENT mentioned that he had been informed by the Home Secretary that her Majesty had "very graciously" received the Council's congratulations. Mr. Gostling thanked the Council for their vote of thanks. The PRESIDENT called attention to Herkomer's portrait of Dr. Attfield which Mrs. Attfield had presented to the Society, and which, he said, would be added to the list of those who had done good work for the Society.

DEATHS.

The PRESIDENT regretted to announce the death of Dr Pieter Cornelius Plugge, one of the corresponding members of the Society [see the obituary notice on page 58], and referred to the value of his work in pharmacy, extending the sympathy of the Society to his relatives.

The PRESIDENT also referred later to the loss which the Society had sustained in the death of a former member of the Council, Mr. F. Marsh Rimmington, of Bradford, and proposed to write a letter of sympathy to his son, Mr. George Rimmington. The deceased gentleman had been a member of the Council before his (the President's) day, but he had known him slightly, and knew him to be a competent pharmacist, while he had held important public offices in Yorkshire.

Mr. CARTEIGHE, as one who knew Mr. Rimmington intimately, and having received much kindness from him when the Conference visited Bradford, desired to testify to the loss which the Society had sustained. Mr. Rimmington was a genial, hearty, lusty Yorkshireman; a man who gave free expression to his opinions, but that expression was destitute of the personal spite which characterised the speeches of some who spoke strongly. He belonged to a distinct set of men, those early pharmacists who by training, supplemented by knowledge of chemistry and microscopy, were not only capable of being public analysts, but to rank as men of science. He, William Stoddart, Henry Bowman Brady, and Daniel Hanbury represented a group of men of whom they might be proud. Mr. Rimmington was one of the first public analysts appointed, and he did his work so well that his decisions had seldom been upset. When the Sale of Food and Drugs Bill was under discussion he urged upon the Council the desirability of raising the standard of the Major examination so that the men who passed it should be eligible for appointments as public analysts, and in the hope that the then pharmaceutical chemists would be the future public analysts. But his fellow-councillors did not agree with him, as there was a feeling that to make the Major examination a purely scientific one would be bad for pharmacy. At that time he (Mr. Carteighe) went with Mr. Rimmington, but now, he was bound to say, the Council were wise, as their first duty was to pharmacy. (Hear, hear.) He cordially agreed with the President's suggestion that a letter of sympathy should be sent to Mr. Rimmington's family.

Mr. MARTINDALE also agreed, saying that he recollected Mr. Rimmington's genial appearance and fine Yorkshire figure at the Conference meetings, where he would be missed.

Mr. HAMPSON had sat with Mr. Rimmington on the Council, and he now said that what most struck him about his old colleague was the independence of his opinions, and the pleasant way he gave expression to them. He was a distinguished pharmacist, as well as a distinguished chemist.

The President's suggestion was then approved.

FINANCE.

The committee's statement contained the following facts:—

	£
Benevolent Fund balance	378
Donation Account „	614
Orphan Fund „	180

Society's own account:

	£	s.	d.
Balance, May 31	552	17	3
Receipts during June	2,530	4	10
	3,083	2	1
Paid during June...	1,350	14	9
Balance in hand	1,732	7	4
Amount now required for July 1 accounts	2,535	6	4
Deficit	802	19	0

The PRESIDENT explained that the payments included 300*l.* for current expenses in Edinburgh and London (chiefly fees to examiners), and quarterly salaries and annuities; otherwise there was nothing exceptional about them.

BENEVOLENCE.

Four cases were considered by the committee, two being held over for further inquiries. Grants of 10*l.* and 8*l.* were made to the others.

The VICE-PRESIDENT said that the higher grant was given to a gentleman 74 years of age, who had been connected with the Society for forty years, and even now, old as he was, was trying to do something for himself. The second grant was to a woman 77 years of age, and the committee hoped that the money would place her in a position of comfort.

BENEVOLENT FUND DINNER.

The SECRETARY reported that 298 tickets had been sold to those who attended the dinner, and 46 to stewards who did not attend, the receipts from both being 364*l.* The total expenses were 338*l.* odd, leaving a balance of 25*l.* 15*s.* 3*d.*, which, added to the donations (2,084*l.*) and subscriptions (149*l.* 10*s.* 10*d.*), brought the total receipts to 2,260*l.* (Applause.) It was proposed to put 2,084*l.* 18*s.* to the donation account and to get a suitable investment for it as soon as possible, the balance of 175*l.* 6*s.* 1*d.* going to the subscription account.

The PRESIDENT said this was a very satisfactory result—it was a record dinner in a record reign. (Hear, hear.) Since the last meeting, when he said that the list should be kept open a little longer, 44*l.* had been collected in Sheffield by the Vice-President and Mr. George Squire, to whom they were much indebted; and Mr. King Hopkin had been instrumental in getting a donation of ten guineas and an annual subscription of five guineas.

The VICE-PRESIDENT thanked the President for his kind remarks, and said that he had acted on a broad hint made by Mr. Carteighe at the last meeting. Sheffield had overlooked the matter, and no sooner had he mentioned it to Mr. Squire than they agreed to go together. They saw every chemist in Sheffield, and had a good reception, not a single word being said by the whole of them against the Pharmaceutical Society. (Hear, hear.) In every establishment they went into they found almost every man willing to help; and he thought that this two-man canvass might be done in other large towns.

Mr. CROSS said that this experience agreed with his own. There was nothing so good as the local secretary associating himself with another chemist in this matter.

PRAISE FOR THE SECRETARY.

Mr. HAMPSON said that while thanking local secretaries and others it would be well to remember their own Secretary—(hear, hear)—who was so accustomed to work for the fund in an undemonstrative way that they might pass it over; but they could not pass over his services on this occasion, for he did so much for the fund, and that so kindly and genially that he wished to formally move the thanks of the Council to Mr. Bremridge. (Hear, hear.)

Mr. ATKINS seconded, remarking that they were sometimes told by members of the Government and the Opposition that they could not get along without the Crown officials. So with themselves. They did not often thank the Secretary, and did so now with all the greater pleasure. He also thanked the President for his conduct in the chair at the dinner, which he recalled as one of the most successful he had ever attended.

Mr. HARRISON desired to support these references to the Secretary's services. He knew the intense interest which Mr. Bremridge took in the Benevolent Fund, and the pains he took to get all particulars in respect to cases for placing before the committee. He thought it could not be too widely known how much Mr. Bremridge did for the Benevolent Fund, and how much of his own time he gave to it. (Hear, hear.)

Mr. BOTTLE: Where are we, Mr. President?

The PRESIDENT remarked, with a smile, that he did not wish to stop the flow of eloquence and deserved praise of the Secretary, but there were really two motions before the Council, and they must get on with the first. The question of a formal vote of thanks to the Secretary had been discussed the previous day, and it was felt that they would best consult Mr. Bremridge's feelings by not putting the thing formally—at least, not at this juncture. With what had been said he fully sympathised. (Applause.)

The motion in respect to the disposal of the dinner-money was then agreed to.

Mr. BREMRIDGE then thanked the Council very cordially for the expressions of opinion made in regard to his work, saying, without ostentation, that he did not think his services should be recognised in a special way, because he felt that the praise belonged also to others. He happened to be the centre of a body of workers, and that was why he was so prominent; he could have done little without the wholehearted assistance of his colleagues and the local secretaries. He did feel much interested in the Benevolent Fund. The work in connection with it was a great pleasure to him, and he would continue to do what he could to help it. (Applause.)

LIBRARY COMMITTEE.

In addition to the usual monthly reports, this committee recommended the re-nomination of Mr. Thomas Tickle as Salter's Research Fellow, the PRESIDENT explaining that this was Professor Collie's advice, for Mr. Tickle had been doing good work. The President also mentioned that Professor Herbert McLeod, a member of the Board of Examiners, had agreed to deliver the inaugural sessional address in October.

BRITISH PHARMACEUTICAL CONFERENCE.

While the list of delegates was being drafted, Dr. SYMES (President of the Conference) expressed the hope that as many members of the Council as possible would attend the Glasgow meeting. The Council had recently spent a good deal of money on the North British Branch, and they desired to be well supported in Scotland, so he appealed with the greater hope, as experience showed that the Conferences had a good influence upon the Society. He had lately had a talk with Mr. Anderson Russell about the local arrangements, and he could promise all who attended a thoroughly good time. (Hear, hear.)

The PRESIDENT said he was happy to assure Dr. Symes that there was a large list of delegates—viz., the President, Vice-President, Messrs. Allen, Atkins, Bateson, Bottle, Carteighe, Corder, Cross, Grose, Harrison, Johnston, Martindale, Park, Storrar, Symes, Warren, and Young.

BRUSSELS CONGRESS.

The selection of delegates for the International Pharmaceutical Congress was left until next meeting, in the hope that any members and associates of the Society who may be going to the meeting will inform Mr. Bremridge, so that their names may be placed on the list.

SCHOOL OF PHARMACY STAFF.

Dr. J. R. Green, F.R.S., was reappointed professor of botany; Dr. Norman Collie, F.R.S., professor of chemistry; and Mr. H. G. Greenish, professor of materia medica and pharmacy. The following demonstrators were also reappointed:—Dr. A. Lapworth (chemistry and physics), Mr. Lloyd Williams (botany), and Mr. Harold Wilson (pharmacy).

Hanbury Medal.

The Presidents of the Linnean, Chemical, and Pharmaceutical Societies, the President of the British Pharmaceutical Conference, and Mr. Michael Carteighe agreed to confer the ninth Hanbury gold medal upon Dr. John E. de Vry, of the Hague. The President said that this reward would be received with general satisfaction, and while he hoped to have the opportunity later on of speaking about Dr. de Vry's work, he said now that in spite of the doctor's advanced age it would be a pleasure to them all if he was able to be present to receive the medal in person. It was specially interesting that in this memorable year they should give the award to one, who though not an Englishman, held her Majesty's Order of Companion of the Indian Empire, and whose first paper was written four years before her Majesty came on the throne. (Hear, hear.) Since that time Dr. de Vry had been an indefatigable worker, and it was not the least of the pleasure of the award to them that he was a pharmacist.

Proposed New By-laws.

The President submitted a set of new by-laws, which are printed on the next page. In doing so he explained that since the last Council-meeting he had been in communication with the Privy Council in regard to the by-laws which had been approved by the Society in May, and their Lordships had made a suggestion respecting Clause 17, to the effect that the fee should not be imposed until three years after the by-laws had received the approval of their Lordships. He had, therefore, had the by-laws amended to meet this suggestion, and printed copies of the new proposals were before them. It would be noticed that in the 17th clause of the proposed by-laws, instead of the words "prior to the end of 1898" and "after 1898," they substituted "prior to September, 1900" and "after August, 1900." That was practically the only suggested alteration of consequence, and as it did not involve any alteration in principle, he thought it right that it should be made, and the whole matter gone on with. There was also an alteration in Clause 11, "July, 1900," being changed to "September, 1900," so as to make both alterations synchronous; and the effect of this was to have another Preliminary examination under the present conditions. Various other purely verbal alterations had been made, which did not affect any principle. He concluded by moving that the proposed new by-laws be read a first time, in accordance with the provisions of the charter.

Mr. Carteighe seconded, without other comment than that he had seconded the previous lot.

The proposal was agreed to.

Mr. Allen moved that they be taken as read.

Mr. Corder seconded, and this also was approved.

Mr. Carteighe moved that a special meeting of the Council be held on July 14, at 12 o'clock noon, for the purpose of confirming the proposed by-laws. This was seconded and agreed to.

A Pharmacy Bill.

The Law and Parliamentary Committee reported that they had considered the desirability of proceeding with a Pharmacy Bill next Session, and had deferred further consideration of the matter until the autumn.

The President, speaking to this, explained that the action was due to what had been said recently regarding the eligibility of associates in business for the Council, and pointed out that a clause to that effect had been introduced into the 1890 and 1891 Pharmacy Bills, which never had a chance of passing, in spite of the efforts made by his friend on the right (Mr. Carteighe), who had travelled the country from Dan to Beersheba in order to get active support for them. No further attempts had been made to consolidate the Society until 1894, when a non-contentious Bill was introduced, to which there was little objection, but opposition was brought against it by those who considered that it did not contain what it should. He made this statement in order to show that the Council had at various times sympathised with the feelings which had received expression in the resolution of the North British Branch, and he hoped that in the approaching holidays the matter might be talked over by chemists themselves. It was impossible, he pointed out, to get public interest in purely Society matters such as this; therefore he hoped that there would be evidence during the next few months that members and associates of the Society are so earnest in the matter as to give the Council their support.

Metric-system Bill.

Mr. Martindale having explained that it is illegal to use metric weights and measures for the purpose of trading, and stated that the London County Council had had to come to the rescue of the London wholesale and export druggists by declining to prosecute, moved that the Council petition in favour of the permissive Bill on the subject now in Parliament. He thought the Bill should pass this year, because the new B.P. would soon be out, and as it recognised the metric system, there would be a greater tendency to use the weights and measures in trading.

The Vice-President seconded the motion, and Mr. Carteighe quite concurred, because a great many of her Majesty's subjects are now breaking the law.

The President also supported the motion, which was agreed to.

Reciprocity.

The President said that a most important letter had been received that day from the Pharmacy Board at Melbourne, which he read. This was to the effect that in 1881 and 1882 the Board had approached the Council with a view to having its certificates of qualification recognised by the Society, and the Council had replied that they had no power to do so, but would consider the matter when fresh legislation came on. Although fifteen years have since elapsed the Board wrote, nothing further had been heard of the matter, and they took the present opportunity, when the Imperial Government desires to knit together the various parts of the Empire, to suggest that, so far as pharmacy is concerned, nothing could be more fitting as a memorial of the Queen's record reign than to inaugurate recognition of the diplomas of colonial colleges of pharmacy. The Board also mentioned that in this matter it was joined by the pharmaceutical authorities of New South Wales, Queensland, South Australia, and West Australia, and appealed to the Council to do something tangible.

The President said this was a question of great—he would say of the highest—importance, and it would have to be considered in the next few years. He therefore moved that it should be referred to the Law and Parliamentary Committee, which was approved.

School Prizes.

The professors reported upon the examinations for the class honours, the results being as follows:—

Practical Chemistry.—Bronze medal, H. M. Morgan; certificates of honour, E. J. Jenkins and W. B. Wilson.

Chemistry and Physics.—Bronze medal, Harold E. Mathews; certificates of honour, E. J. Jenkins and E. M. Chapman.

Materia Medica.—Bronze medal, Pierre E. F. Perrédès; certificates of honour, H. E. Mathews and W. B. Wilson.

Pharmacy.—Silver medal, H. E. Mathews.

Botany.—Bronze medal, H. E. Mathews; certificates of honour, P. E. F. Perrédès and A. Upsher Smith.

The President mentioned that Mr. Perrédès was the gentleman who had presented the Society with a magnificent herbarium of plants, collected in the Channel Islands. He was pleased to see that he and the Bell scholars had done so well. (Hear, hear.)

This was all the public business.

New Books.

Brunton, T. L. *Lectures on the Action of Medicines: being the Course of Lectures on Pharmacology and Therapeutics delivered at St. Bartholomew's Hospital during the Summer Session*, 1896. 8vo. Pp. 690. 10*s.* 6*d.* net. (Macmillan.)

Dowse, Thomas Stretch, M.D. *The Pocket Therapist: a Concise Manual of Modern Treatment, for Students and Junior Practitioners.* In 16mo. cloth. Pp. 192. 5*s.* net. (J. Wright & Co., Bristol.)

Linn, T. *The Health Resorts of Europe: a Medical Guide to the Mineral Springs, Climatic, Mountain, and Seaside Health Resorts, Milk, Whey, Grape, Earth, Mud, Sand, and Air Cures of Europe.* 5th Ed. Cr. 8vo. Pp. 326. 2*s.* 6*d.* net. (Kimpton.)

PROPOSED NEW BY-LAWS.

Present By-laws.

11. All persons who shall tender themselves to the examiners for examination in accordance with the Charter and the Statute, 1852, or the Act, 1868, shall be examined in their knowledge of the Latin language, in English grammar and composition, and arithmetic, which examination shall be called the First examination. Such of the said persons as shall desire certificates of competent skill and qualification to be registered as chemists and druggists under the Act, 1868, shall be examined in or produce certificates of having previously passed in the First examination, and having been registered as apprentices or students, and shall be examined in the translation and dispensing of prescriptions, in botany, in materia medica, in pharmaceutical and general chemistry, physics and posology, and in their knowledge of the law relating to the sale of poisons, which examination shall be called the Minor examination; and such of the said persons as shall desire certificates of competent skill and qualification to exercise the business or calling of pharmaceutical chemists shall produce certificates of having been previously registered as chemists and druggists, and shall be examined in more extended knowledge of botany, materia medica, chemistry, and physics, or any two of them, which examination shall be called the Major examination.

12. All persons who shall tender themselves to the examiners for examination, under the provisions of the Act, 1868, excepting only those specified in the next following by-law, shall be examined in the Minor examination.

13. All persons entitled to be registered as chemists and druggists on passing a modified examination, who shall tender themselves to the examiners for examination under the provisions of the Act, 1868, shall pass the Modified examination which the Council of the Pharmaceutical Society, with the consent of the Privy Council, have declared to be in their case sufficient evidence of skill and competency to conduct the business of a chemist and druggist, as the same is set out in the schedule hereto, or such other modified examination as may in like manner be declared such sufficient evidence.

14. The examiners may grant or refuse to such persons as have tendered themselves for the First examination, the Minor examination, and the Major examination respectively, as in their discretion may seem fit, certificates of competent skill and knowledge and qualification; and lists of such persons shall be delivered by the examiners to the Registrar.

15. All persons shall, before registration as apprentices or students, pay a fee of two guineas, and pass the First examination, whereupon they shall be registered as apprentices or students.

16. All persons desiring registration as assistants under the Statute, 1852, or as chemists and druggists under the Act, 1868, excepting those named in the next following by-law, shall pay a fee of five guineas if previously registered as apprentices or students, or otherwise a fee of seven guineas, and pass the Minor examination, whereupon they shall be registered accordingly.

17. All persons entitled to be registered as chemists and druggists on passing a modified examination, and desiring so to be registered, shall pay a fee of one guinea and pass the Modified examination, whereupon they shall be registered accordingly.

18. All persons desiring registration as pharmaceutical chemists under the Statute, 1852, shall pay a fee of three guineas if previously registered as chemists and druggists by virtue of having passed the Minor examination, or otherwise a fee of ten guineas and pass the Major examination, whereupon they shall be registered accordingly.

19. All persons intending to present themselves for examination in the First examination shall give to the Registrar notice in writing of their intention in that behalf not less than fourteen clear days prior to the day which has been appointed for the holding of the said examination.

20. All persons intending to present themselves for examination in the Major, the Minor, or the Modified examination shall

Proposed By-laws.

11. Prior to September, 1900, persons desiring certificates of competent skill and qualification to be registered as chemists and druggists under the Act, 1868, shall be examined in their knowledge of the Latin language, in English grammar and composition, and arithmetic, which examination shall be called the First examination. Persons intending to present themselves for this examination shall give to the Registrar notice in that behalf and pay to him a fee of two guineas, not less than fourteen days prior to the day which has been appointed for the holding of the said examination. All persons who pass the said examination shall be registered as "apprentices or students."

After August, 1900, persons desiring certificates of competent skill and qualification to be registered as chemists and druggists under the Act, 1868, shall deliver to the Registrar on behalf of the Board of Examiners a certificate of having passed an examination in English grammar and composition, in the Latin language, and in one modern foreign language, and also in algebra, arithmetic and Euclid, conducted by any or either of the examining bodies which shall have been previously approved for the purpose by such regulations as are specified by the last preceding by-law, and shall pay to him a fee of two guineas, whereupon, if the Board of Examiners shall so see fit, they shall be registered as "apprentices or students."

12. Persons intending to present themselves to the examiners for examination in accordance with the Charter and the Statute, 1852, or the Act, 1868, and having been registered as "apprentices or students," shall be examined in the translation and dispensing of prescriptions, in botany, in materia medica, in pharmaceutical and general chemistry, physics, and posology, and in their knowledge of the law relating to the sale of poisons, which examination shall be called the Minor examination.

13. Persons desiring certificates of competent skill and qualification to exercise the business, or calling, of pharmaceutical chemists shall produce to the Registrar evidence of having been previously registered as chemists and druggists, and shall be examined in more extended knowledge of botany, materia medica, chemistry, and physics, or any two of them, which examination shall be called the Major examination.

14. Persons who shall tender themselves to the examiners for examination under the provisions of the Act, 1868, excepting only those specified in the next following by-law, shall be examined in the Minor examination.

15. Persons entitled to be registered as chemists and druggists on passing a modified examination, who shall tender themselves to the examiners for examination under the provisions of the Act, 1868, shall be required to pass the Modified examination which the Council of the Pharmaceutical Society, with the consent of the Privy Council, have declared to be in their case sufficient evidence of skill and competency to conduct the business of a chemist and druggist, as the same is set out in the schedule hereto, or such other modified examination as may in like manner be declared such sufficient evidence.

16. The examiners may grant or refuse to such persons as have tendered themselves for the Minor examination and the Major examination respectively, certificates of competent skill and knowledge and qualification; and lists of such persons shall be delivered by the examiners to the Registrar.

17. All persons desiring registration as chemists and druggists shall in respect of an examination to take place prior to September, 1900, pay a fee of five guineas, and shall in respect of an examination to take place after August, 1900, pay a fee of ten guineas, and shall in either case pass the Minor examination or the Modified examination, whereupon they shall be registered accordingly.

18. Persons desiring registration as pharmaceutical chemists under the Statute, 1852, shall pay a fee of three guineas and pass the Major examination, whereupon they shall be registered accordingly.

19. Persons intending to present themselves for examination in the Major, the Minor, or the Modified examination, shall give to the Registrar notice in writing of their intention in that behalf on or before the fifteenth day of the month immediately preceding that in which the examination is to take place.

20. All notices of intention to attend for examination shall be to attend on the next occasion of the examination being held, and all

give to the Registrar notice in writing of their intention in that behalf on or before the fifteenth day of the month immediately preceding that in which the examination is to take place.

21. All notices of intention to attend for examination shall be to attend on the next occasion of the examination being held, and all fees in respect of examination and registration shall be payable on the giving of notice of intention to attend for examination, and in no case shall any fee paid in accordance with the by-laws be remitted or returned.

22. No person shall be admitted to the Major or the Minor examination who shall not have attained the full age of twenty-one years, nor unless he shall satisfy the examiners that for three years he has been registered and employed as an apprentice or student, or has otherwise for three years been practically engaged in the translation and dispensing of prescriptions. Persons who have passed the Minor examination at least three months previously may be admitted to the Major examination, and all other persons desirous of passing the Major examination may make application to the Board of Examiners for special leave in that behalf.

23. Persons who have attended and failed to pass an examination shall not be entitled to attend on any future occasion within an interval of three months therefrom, nor unless and until they shall have given renewed notice of intention to attend an examination, and shall have paid fees as follows:—

(*a*) *In respect of a Major examination, two guineas;*
(*b*) *In respect of a Minor examination, three guineas;*
(*c*) *In respect of a First examination, one guinea;*

in cases of renewed notices for examinations to be held before the expiration of one year, computed from the first day of the month wherein the examination was held in respect of which the original fee was paid. In all other cases fees of amounts corresponding with the fees paid on the original notice shall be paid.

24. Persons who have given original or renewed notices of intention to attend an examination and have failed duly to attend at the time appointed for the same, shall not be entitled to attend on any future occasion unless and until they shall have given renewed notice of intention to attend an examination, and shall have paid fees as follows, viz.:—*In cases of renewed notices for examination to be held before the expiration of one year*, computed from the first day of the month wherein the examination was held in respect whereof the original fee was paid, one guinea; or if the persons shall have proved to the satisfaction of the Council or Board of Examiners (by production of medical certificates or otherwise) that the said failure was occasioned by unavoidable and proper causes, one shilling; and in all other cases fees of amounts corresponding with the fees paid on the original notice.

fees in respect of examination and registration shall be payable on the giving of notice of intention to attend for examination, and in no case shall any fee paid in accordance with the by-laws be remitted or returned.

21. All persons shall, at the time of giving notice of intention to present themselves for the Minor examination, satisfy the Registrar that they have attained the full age of twenty-one years, and have been registered as "apprentices or students," and that they have for three years been practically engaged in the translation and dispensing of prescriptions.

22. Persons who have attended and failed to pass an examination shall not be entitled to attend on any future occasion unless and until they shall have given renewed notice of intention to attend an examination, and shall have paid fees as follows:—

(*a*) *In respect of a Major examination, two guineas;*
(*b*) *In respect of a Minor examination, or a Modified examination, three guineas;*
(*c*) *In respect of a First examination, one guinea.*

23. Persons who have given notice of intention to attend an examination and have failed duly to attend at the time appointed for the same, shall not be entitled to attend on a future occasion unless and until they shall have given renewed notice of intention to attend an examination, and shall in each case have paid a fee of one guinea—or if the persons shall have proved to the satisfaction of the Council or the Board of Examiners (by production of medical certificates or otherwise) that the said failure was occasioned by unavoidable and proper causes—one shilling

THE PHARMACEUTICAL BENEVOLENT FUND.

The following additional donations and new or increased annual subscriptions have been received since the publication of the first list:—

	Dons.			Subs.		
Amoore, A. S., 173 Sloane Street, S.W. ...	2	2	0			
Andrews, F., 34 Leinster Terrace, W. ...				1	1	0
Bagshaw, H. B., Oldham				1	1	0
Bagshaw, W., Oldham...				1	11	6
Bullock, J. Lloyd, 3 Hanover Street, W. ...	5	5	0			
Butcher, W. & Son, Blackheath, S.E. ...	1	1	0			
Cooper, W. & Nephews, Berkhamsted ...	21	0	0			
Davidson, P., 342 High Road, Brondesbury	2	2	0			
Gerrard, A. W., Guildford Street, Chertsey	1	1	0			
Glasgow Apothecaries' Company	10	10	0			
Harker, C. R., Stagg, & Morgan, 15 Laurence Pountney Lane, E.C.	5	5	0			
Hewlett, C. J. & Son, Charlotte Street, E.C.	5	5	0			
Horner & Sons, Mitre Square, E.	10	10	0			
Huskisson, H. O., Swinton Street, W.C. ...				2	2	0
Johnston, J., 45 Union Street, Aberdeen ...	2	2	0			
Leins, H., 149 Houndsditch, E.C.				1	1	0
Manchester and District Chemists' Assistants, and Apprentices, per John Riding ...	20	0	0			
Matthews, C. W., 6 Fortess Road, N.W. ...	1	1	0			
Nottingham & Notts Chemists' Association	10	10	0			
Nurthen, F. W., 390 Strand, W.C.	1	1	0			
Park, C. J., 1 Mutley Plain, Plymouth ...	2	2	0			
Parker, R. H., 35 Clifton Road, Maida Vale	1	1	0			
Rankin & Borland, Kilmarnock	5	5	0			
Silverlock, H., 92 Blackfriars Road, S.E. ...	5	5	0			
Tanner, A. E., Tottenham	2	2	0			
Thompson, J., Hanover Street, Liverpool ...	1	1	0			
Wigginton, A., 137 Sloane Street, S.W. ...	2	2	0	1	1	0
Willows, Francis & Butler, 101 High Holborn, W.C.	5	5	0			
Woddersp oon & Co., 7 Serle Street, W.C. ...	2	2	0			
Alcock, A., 318 Shalesmoor, Sheffield ...	1	1	0			
Blackbourne, A., 570 Moseley Road, Birmingham	1	1	0			
Blackwell, Hayes & Spilsbury, 53 Moor Street, Birmingham...				1	1	0
Burnell, J. S., 319 Glossop Road, Sheffield...	1	1	0			
Canning & Co., Great Hampton Street, Birmingham	1	1	0			
Carr, P., 85 Ecclesall Road, Sheffield ...	1	1	0			
Eardley, J. F., 265 Glossop Road, Sheffield...	2	2	0			
Fox, A. R., 56 Snig Hill, Sheffield	2	2	0			
Furness, J. M., 137 Fitzwilliam Street, Sheffield	1	1	0			
Gardner, J., Broomhill, Sheffield	1	1	0			
George, J. A., 70 Fargate, Sheffield... ...	1	1	0			
Graham, A. W., Westbar, Sheffield	1	1	0			
Guest, T., Carruthers Street, Manchester ...	1	1	0			
Holmes, George, Cemetery Road, Sheffield	1	1	0			
Hopkin & Williams, Cross Street, E.C. ...				5	5	0
Ibbitt, H. E., Meadow Street, Sheffield ...	1	1	0			
Kerr, C., 56 Nethergate, Dundee	1	1	0			
Lloyd, Walter, 12 Lammas Street, Carmarthen	1	1	0			
Lowe, S. P., 42 London Road, Sheffield ...	1	1	0			
Minor, M. T., 248 London Road, Sheffield...	1	1	0			
Morrison, C. O., 137 West Street, Sheffield	2	2	0			
Naish, A. E., 17 Bull Street, Birmingham...				1	1	0
Owen, G., 58 Broad Street Park, Sheffield...	1	1	0			
Pater, J. B., 265 Fullwood Road, Sheffield...	1	1	0			
Smith, E. W., 4 Netheredge Road, Sheffield	1	1	0			
Sutton, F., Bank Plain, Norwich	5	5	0			
Thompson, C., 159 Stratford Road, Birmingham				1	1	0
Ward, W., 136 South Street, Moor, Sheffield	1	1	0			
Watson, R. W., 22 Angel Street, Sheffield...	1	1	0			
White, A., & Sons, Castle Street, E.C. ...	10	10	0			
Woolf, E., St. George's Crescent, Birmingham	1	1	0			
Other contributions of smaller sums amounting to...	30	0	6			

Legal Reports.

YORKSHIRE RELISH CASE.

The House of Lords—consisting of the Lord Chancellor, Lords Herschell, Watson, Shand, and Davey—have had under consideration for three days the appeal of the Birmingham Vinegar Brewery Company *v.* Wm. Powell (trading as Goodall, Backhouse & Co.). The appeal was from an order of Mr. Justice Stirling, confirmed by a Judge of the Court of Appeal, whereby the appellants were perpetually restrained by injunction from using the words "Yorkshire Relish" as descriptive of or in connection with any sauce or relish, not being of the respondent's manufacture, sold or offered for sale by them, without clearly distinguishing such sauce or relish from that of the respondent's.

Mr. Fletcher Moulton argued for the appellants that, in view of the prominence given to the word "Holbrook's" Yorkshire Relish on the label, and to the distinctive colours of the labels, capsules, &c., used by the appellants, it could not fairly be contended that they were passing their goods off as those of Goodall, Backhouse & Co.

Mr. Buckley, also for the appellants, said while originally "Yorkshire Relish" was an arbitrary and a fancy name, in later years it ceased to be so, because it became the name by which alone a certain kind of sauce could be intelligibly described.

Lord Watson: The thing you call "Yorkshire Relish" is not even made in Yorkshire, whereas the man who gave his sauce that name did make it in Yorkshire.

Mr. Buckley: But the word "Yorkshire" has nothing to do with it, except in this sense—that the name "Yorkshire Relish" is the only phrase by which a purchaser can convey the idea of the particular relish he wants.

Lord Herschell: So that the more popular a man's invention becomes the more you are at liberty to appropriate his trade-description and to gain the benefit of the reputation he has made.

Mr. Buckley: The man invents an article that meets a public want, and gives it a name, but, as it is not patented, it is open to any other person to make the same article subject to this condition—that he must not induce a purchaser to suppose that the goods are those of the original inventor. Ninety-nine per cent. of the purchasers of Yorkshire Relish had no idea of the name of the firm that manufactured it.

Without calling upon counsel for the respondents, their Lordships proceeded to give judgment.

The Lord Chancellor said it appeared to him that the proposition involved was a very simple one, susceptible of a very simple answer. The answer had been accepted and acted upon for a great number of years, and it was that of Lord Justice Turner, who said, "No man can have any right to represent his goods as the goods of another person." That is the only question of law which appeared to him to arise in these cases. All the rest are questions of fact. A man may so represent his goods without using the name of his rival at all. A familiar example is when, without using any names, he adopts the form of the bottle or the form of the label. In each case the question arises whether or not there is the statement made, and if the statement is made there can be no doubt of the legal conclusion that he must be restrained. In this case a gentleman has invented a sauce, which he calls by the name "Yorkshire Relish." He has carried on the business of selling it for a great number of years, and has made it a popular thing, which people buy freely. But it is said that there is no representation that this is the manufacture of the original inventor by calling it "Yorkshire Relish," because it has become a well-known commercial article, and calling it by that name means that it is that thing. The first proposition which could be advanced against that argument is, that it is not true. As a matter of fact, this is not the well-known article. The thing which was bought in this instance did not consist merely of something or other which had a particular taste. The thing which the purchaser desired to have was Yorkshire Relish. The thing which was sold to the customers who had given evidence in the Court below as Yorkshire Relish was not Yorkshire Relish in the sense of its being of the same composition, taste, and smell as the respondent's. If that was so, how could it be contended that the person who was selling the thing as Yorkshire Relish was entitled to do so because it was a well-known universal article, and on the plea that he was selling it by the only name by which it was known? He confessed he had had great difficulty in following that part of the argument of the appellants' counsel. As to the facts of the case, there was almost no conflict, and he was satisfied that the person who had put forward the Yorkshire Relish made by the appellants were representing it to the public as a particular manufacture to which the public had become accustomed, and which was made exclusively by the respondent's firm for many years. This latter was the Yorkshire Relish; it was the original manufacture; it was made by the person who invented it. Under those circumstances it was a fraud on the purchaser to give him the one thing in place of the other. Then it was said that although the purchaser might have had ground for action in such circumstances, the respondent had no right to intervene; but it had always been held in law that if a person chose to state what was false, and thereby to induce a person to deal with him instead of with a rival manufacturer, such conduct was actionable. He protested against going over all the evidence on the assumption of various hypotheses, when the very simple proposition was established conclusively by the evidence that there was a representation that the sauce sold by the one party was manufactured by the other—in other words, that the thing sold was not what it purported to be. He regretted that where the issue was so plain so much time should have been occupied in discussing it. He therefore moved that the judgment appealed from be affirmed, and the appeal dismissed, with costs.

Lord Watson said he was of the same opinion as the Lord Chancellor. As usual in this class of case, the arguments had been exceedingly discursive, but the only question was whether the appellants had the right to sell the sauce which they manufactured in such a form as to lead purchasers to believe it was the sauce manufactured by the respondent. That was a question of fact, as to which the Courts below had unanimously given an affirmative answer. Without very strong cause being shown, he should hesitate to differ from the tribunals to which he had referred on a question of fact, and, because no such strong cause had been made out in this case, he concurred in the view of his noble friend that the appeal must be dismissed. He would only add that the portions of the evidence brought under notice by the appellants' own counsel seemed to strengthen and confirm the conclusion which the Judges in the Court below arrived at.

Lord Herschell, Lord Shand, and Lord Davey concurred.

The appeal was accordingly dismissed, with costs, and the original order of Mr. Justice Stirling confirmed, by which an injunction was granted to restrain the Birmingham Vinegar Brewery Company, their servants and agents, from passing off, and from enabling others to pass off, sauce not manufactured by Goodall, Backhouse & Company, as the goods of the latter, by the use of the term "Yorkshire Relish," or in any other way.

Counsel for the appellants (the Birmingham Vinegar Brewery Company, Limited): Mr. Moulton, Q.C., Mr. Buckley, Q.C., and Mr. Waggett (instructed by Messrs. Thorowgood & Co., agents for Messrs. Cooper, of Newcastle).

Counsel for the respondents, Mr. Powell (trading as Goodall, Backhouse & Co.): Mr. Graham Hastings, Q.C., Mr. John Cutler, Q.C., and Mr. Hampson (instructed by Mr. J. Seymour Salaman).

PROTECTION OF TRADE-SECRETS.

In the Chancery Division of the High Court of Justice, on July 2, before Mr. Justice Romer, Mr. Rylands moved, on behalf of Samuel Meggatt & Sons (Limited), who carry on business at Sutton-in-Ashfield as chemical-manufacturers, &c., for an injunction to restrain a Mr. Meggatt from disclosing a trade-secret, he having been in the employ of the company and being under obligation not to disclose this trade-secret. The plaintiffs had heard that the defendant had been in negotiation with a firm in America to work this secret for them. It had been found impossible to serve the defendant with the notice of motion owing to his going

about the country. They did not suggest that he was trying to evade service. They thought he had simply forgotten his obligation. Mr. Justice Romer granted an injunction over the following Friday, as asked, the defendant in the meantime to be served with the notice of motion, the plaintiffs undertaking in damages.

DUPLICATED TRADE-MARKS.

Mr. Justice Stirling decided an interesting point under the Trade-marks Act on July 6. The firm of Ehrmann Brothers or Ehrmann Frères, wine-merchants, consisted of five brothers, and they owned eight registered trade-marks, and had applied for the registration of a ninth. Last year they dissolved partnership, and four brothers remained in the firm of Ehrmann Frères, and the fifth it was agreed should be allowed to carry on business as Ehrmann Brothers. The two firms agreed that both should have the right to the trade-marks, but the Comptroller refused to register the same trade-marks as the property of two distinct firms. This action was brought to compel him to do so. Mr. Justice Stirling, however, found that the Comptroller was right. The provisions of the Trade-marks Act existed not merely for the convenience of the owners but also for the protection of the public, and as confusion and deception might arise from the registration of the same mark in two or more names, he refused the application, with costs.

THE MEDICINE-STAMP ACT.

At Rochdale Police Court, last week, a medical botanist, named John Openshaw, appeared in answer to two summonses issued against him by the Inland Revenue officials. He was charged with selling a bottle of cough and bronchitis syrup and a box of pills, both liable to duty, and neither bearing a medicine-stamp. Mr. Dennis, barrister, conducted the prosecution. Defendant was not professionally represented. He pleaded not guilty.

According to the evidence, the cough-mixture was supplied in a bottle wrapped in a handbill. The handbill stated that by the use of the cough and bronchitis syrup relief could be obtained in a few minutes. The pills were described as "Pills of Health." On the handbill it was stated that these pills would relieve the sufferer in thirty minutes.

Defendant denied that the young man from whom the purchases were made was his assistant. He complained that these proceedings had been taken because he would not compromise the matter by paying 1*l.* in each case. The bill which he sent out was to advertise a patent-medicine belonging to another gentleman. He could not sell his pills at 2*d.* a box, and pay 1½*d.* stamp-duty.

The Chairman said the offence was clearly proved. The penalty in each case would be 21*s.* and costs, or a month's imprisonment.

Defendant: Thank you, sir.

CHEMICAL-WORKERS' RESPONSIBILITIES.

In the St. Helens Police Court on July 2, Robert Potter, a chlorate-worker, sued the United Alkali Company for 2*l.* 2*s.*, wages due. Mr. H. L. Riley, who appeared for him, said the claim was made up of 14*s.*, wages for part of the week, and 28*s.*, a nominal sum for dismissal without notice. Potter worked in the chlorate-mill of the defendants' Hardshaw Brook Chemical-works. On the last Saturday on which he worked he was assaulted after he got home, and was unable to go to work. On the Sunday morning he sent his little girl to tell them he could not come. In response Myatt, the foreman, came down to see him, and they had a conversation as to when he would be able to resume work. Potter went to the works on Tuesday, but Dr. Best, who was over the works, told him he was discharged and refused to give him his back pay. Mr. Riley claimed that Potter had done nothing which would legally entitle the company to dismiss him without notice. If a man was discharged now from any of the works of the United Alkali Company it meant his discharge from all the works. Unless he got a clearance from the last works he was engaged at, his opportunities of employment were cut off over the whole district. Evidence was given in support of this statement.

Mr. Thomas, for the defence, said Potter was engaged under an agreement that he should work on the Saturday a full day up to half-past 5 if required, for the same wages as if he left off at 12 o'clock. Mr. Riley: My client denies it altogether. Mr. Thomas said he was also told that he was to work on Sunday if required, which would be overtime. On Saturday, June 12, the firm had a special order from America, which had to be sent by a particular steamer in order that the goods might reach America before the new tariff law came into force. They lost the steamer because Potter would not work with a man they appointed to assist him. On the 73 cwt. an extra duty of 35*l.* 5*s.* 8*d.* had to be paid. Potter got his black-eye during the time he ought to have been at work, and he did not come on the Sunday or the Monday, although he promised the manager he would do so. Two foremen gave evidence in support of Mr. Thomas's statement. The case was dismissed, the Magistrates considering that the man had shown bad feeling rather than any disability.

SALE OF FOOD AND DRUGS ACT.

Boric Acid in Milk.

At the Barry Police Court, on July 2, William Clacee and John Connor, of Windsor Road, Penarth, were summoned, under section 6 of the Act, for selling milk which was found to contain 0·3 per cent. of boric acid, when fresh milk was asked for.

Mr. Allen, who prosecuted, contended that when milk was asked for milk—and milk alone—should be supplied; but in this case the acid had been used to excess, and therefore was injurious. The medicinal dose of boric acid for adults was from 5 to 30 gr., and for children 3 to 4 gr. The 0·3 per cent. of boric acid was equal to 52 gr. per quart, which would be about the quantity taken by a child in twenty-four hours. After hearing medical evidence, the Bench imposed a fine in each case of 40*s.* and costs, together with an advocate's fee of 5*l.* 5*s.*

A Lesson on Spirit of Nitre.

At the Caergwrle (Flint) Petty Sessions, on July 1, Edward Williams, of Ffrith, near Wrexham, was summoned for selling sweet spirit of nitre which the public analyst certified contained only one-sixth of the minimum amount of active principle required by the B.P. It was, however, added that, from the specific gravity, he had no doubt the spirit was originally of good quality, but had deteriorated from being kept in an improper manner.

The defendant said he purchased the spirit of nitre from a Leeds firm, and had always kept it in a bottle with a glass stopper. He admitted that he had kept the bottle in a light place, instead of in a cupboard or dark place. He read a letter from the firm who supplied the drug, to the effect that it was of full strength when it left Leeds, and that the longer it was kept the more liable it was to lose its strength. They also said it should have been kept in a cool, dark place. Mr. Kyrke, one of the Magistrates, said it was the duty of shopkeepers to know how to keep drugs if they undertook to sell them. The defendant said there was no doctor within a couple of miles, or he should not have kept it. Superintendent Davies said the public expected to get sweet spirit of nitre at 4*d.* per oz., but it could not be retailed at that price.

The Bench advised the defendant to be careful in future, and fined him 6*d.* and costs—total, 25*s.*

COUNTY COURT CASES.

"The Battle of Brunabruk."

At the Liverpool County Court on July 2, before Judge Collier and a jury, Messrs. Butterwick & Simpson, decorative artists, Liverpool, sought to recover 8*l.* 6*s.* 8*d.*, the balance of a sum of 20*l.* 6*s.* 8*d.*, stated to have been agreed upon as the price of a picture, from William Parkinson, wholesale druggist, Clevelands, Burnley. Both sides were represented by counsel. The plaintiffs' case was that a Mr. Preston, who had been formerly a partner with Mr. Butterwick at Burnley, had painted several subjects for the decoration of the defendant's hall, his remuneration

being 2*s.* an hour for time engaged on the work. Butterwick, having left Preston and gone to Liverpool, was subsequently engaged by the defendant to paint "The Battle of Brunabruk" (the ancient name of Burnley) for him. He did so, and spent 250 hours on it; and in consideration of the length of time taken agreed to reduce his terms to 1*s.* 8*d.* per hour. Defendant paid 12*l.* on account, but refused to pay more, and in consequence Butterwick retained the picture, for which defendant counter-claimed. The defence was that Butterwick had painted other pictures of the like size for 12*l.* each, and that there was an engagement to paint the picture on the same terms. The jury found for the plaintiff for 4*l.* in addition to the 12*l.* paid, making 16*l.* in all.

DEALING WITH DOGS IN A SHOP.

ON Monday at the Wandsworth County Court, before Judge Lushington, a Stock Exchange clerk named Sutherland sued Mr. Steeples, the manager of Parke's Drug-stores, at 50 George Street, Richmond, for 5*l.* for injuries sustained by his dog at the defendant's hands.

The plaintiff's sisters stated that on March 2 last they took their brother's dog with them for a run. They entered the defendant's shop. When they got inside they noticed a collie dog there. This dog was muzzled, but theirs was not. As soon as they entered the two dogs began growling. At this the defendant picked off the counter a bottle of spirit of ammonia and poured it over the dogs. They at once ceased quarrelling, and it was then found that their dog's eye was injured. It was at once bathed, but it got worse, and the dog had now lost the sight of one of its eyes through the action of the ammonia. In cross-examination the sisters stoutly denied that the dogs were fighting. Mr. W. J. Hadden, a veterinary surgeon, deposed to the dog losing its eye, which was due to the action of some corrosive fluid, such as solution of ammonia.

For the defence the defendant was called, and swore positively that the two dogs were fighting in his shop, and as all efforts to separate them appeared of no avail, he simply sprinkled a few drops of ammonia over them. This had the desired effect of separating them. Mrs. Gripper, who said she lived at Richmond, said her dog was sitting quietly under her chair when the plaintiff's dog entered. The plaintiff's dog—a retriever—came up to her dog and pulled it out from under the chair. A fight at once ensued, and in order to stop it the defendant merely sprinkled a few drops of ammonia over them. The retriever dog was brought into Court and taken up to the Judge, who remarked, stroking the dog, that he was quite willing to make its acquaintance. In the end his Honour held that as the plaintiff's dog was a trespasser in the defendant's shop, and making himself disagreeable, the defendant was justified in taking any reasonable step to rid himself of the nuisance. The defendant had only taken reasonable measures, and he gave judgment for the defendant with costs.

THE EXTENT OF CARRIERS' LIABILITY.

IN the City of London Court on Tuesday, Mr. William Glover, Greenwich, sought to recover 3*l.* from Messrs. Pickford & Co., the carriers, for smashing a lamp. There was no dispute that the defendants' man, while delivering a case of goods to the plaintiff's shop, knocked it against the lamp over the doorway and broke it; but the defendants denied that they were liable for the damage caused. In their view, the contract for carriage was complete when goods were deposited in front of the premises of the persons to whom they were addressed. If their carmen took goods inside they were going beyond their authority, and they could not be held responsible for any damage that might arise through the man taking the goods inside the shop. Mr. Matthews, plaintiff's counsel, said this contention was ridiculous. The carrier took the goods inside for his own convenience, and he was bound to do so with all possible care. If he damaged the goods of the tradesman, or smashed lamps, his master must be held responsible. Mr. Commissioner Kerr said, according to his view, carriers were not bound to take goods inside a shop door. It was true that carmen often did so. But his experience, after sitting there for thirty-eight years, taught him that it was only done upon the request of the consignee, and that the carman was generally given a small "tip," or gratuity. One of the plaintiff's assistants gave evidence that it was usual for carriers to bring all goods inside the shop without any request. Mr. Commissioner Kerr said it was a popular error that he was bound to do so. A carrier was bound to do nothing of the sort. Tradesmen should get disabused of the notion. Of course the plaintiff might, if he liked, sue the defendants' servant for negligence, but he could not make the masters responsible, because the defendants did not authorise the man to take the plaintiff's goods inside the shop. He must find for the defendants, with costs. Mr. Matthews asked for leave to appeal, but Mr. Commissioner Kerr declined to give leave. He was, he said, quite clear about the point, and he did not think he ought to trouble the Divisional Court with the matter.

Bankruptcy Reports.

Re CHARLES MONTAGUE, Red Lion Square, W.C. and Clapham, Patent-medicine Proprietor and Vendor.

AT the London Bankruptcy Court on July 2, before Mr. Registrar Brougham, the case of Charles Montague, otherwise Napoleon Hirschfeld, otherwise Charles Ashley, the rheumatism cure man, precious-stone dealer, &c., was on the list of the day's public examinations. The receiving-order was made against him on September, 1895, but he did not surrender under the proceedings, and was recently arrested on the beach at Boscombe. Upon the case being called, Mr. Hansell said he represented the debtor, who was unable to attend, because he was under remand at Bow Street. The accounts had not yet been filed, and he suggested that the examination should be adjourned. Mr. Todd, on behalf of the trustee, asked if his learned friend would undertake to see that the accounts should be filed at once. Mr. Hansell regretted he could not give the undertaking as the debtor was otherwise engaged. (Laughter.) Mr. Todd retorted that residents in Holloway had a great deal of leisure (Renewed laughter.) His Honour adjourned the examination until August 6, but said he could not make an order regarding the accounts.

Re ALAN MCCONNAL, Sowerby Bridge, Yorks, Chemist and Druggist.

THIS debtor was publicly examined at the last sitting of the Halifax Bankruptcy Court before the Registrar. The debtor, in reply to questions put by the Official Receiver, stated that the receiving-order was made on the petition of a creditor. He went away on May 5 last, taking with him 27*l.* in cash. He went to London, and whilst walking down the Strand he had his pocket picked, and was robbed of 15*l.* thereby. He first saw the announcement of his failure in a Manchester paper, whereupon he immediately returned home and communicated with the Official Receiver. He then only had 2*s.* and a few coppers left in his pocket. He had not yet filed his statement of affairs. The examination was ordered to be adjourned until the next Court.

Re GEORGE HANDEL OPENSHAW, formerly in business in partnership as a Chemist and Druggist, under the style of Booth & Openshaw, at Blackburn.

THE examination of this bankrupt came on again at the Blackburn Bankruptcy Court on July 7, but was further adjourned until August 18.

Re JEREMIAH INGHAM, West Kirby, Cheshire, Contractor, Wholesale Druggist, and Wine and Spirit Merchant.

THIS bankrupt was examined at the Birkenhead Bankruptcy Court on July 1. His accounts disclosed liabilities 2,036*l.*, and assets estimated to produce 531*l.* The debtor stated that he had traded as a contractor at Meols Drive under the style of J. Ingham & Co., but he was not in partnership with anybody. He commenced business in 1874 in partnership with his brother, and they traded as wholesale druggists and drysalters at Blackburn under the style of Ingham Brothers. In 1878 they failed, and the creditors received a composition of 10*s.* in the pound on liabilities about 300*l.* He then went

to Hoylake, where he commenced business as a wine and spirit merchant at West Kirby. His business there was turned into a joint-stock company, he receiving for his interest shares to the value of 1,000*l.* He was appointed manager of the company, but four years afterwards it was wound up, and the business was sold to Messrs. Mackie & Gladstone That firm retained him as manager until February, 1896, when he commenced business as a contractor. He had lost over 1,200*l.* in that business. He had also carried on a coal merchant's business, and a bookstall business, but he disposed of both businesses in February last. The examination was concluded.

Deeds of Arrangement.

Agar, Thomas William, Victoria Pharmacy, South William Street, and Station Road, and Murraydale Terrace, all Workington, chemist and druggist. Trustee, John Armstrong, John Street, Workington, accountant. Dated, June 26; filed, June 30. Liabilities unsecured, 339*l.* 11*s.* 3*d.*; estimated net assets, 300*l.* The following are scheduled as creditors:—

	£	s.	d.
Agar, W., Mansfield	40	0	0
Birchall, C., Liverpool	11	0	0
Evans, Sons, & Co., Liverpool	92	0	0
Ismay, J., & Son, Newcastle-on-Tyne	16	0	0
McKerron, C., Workington	17	0	0
Roseby, T., Workington	42	0	0
Woolley, J., & Sons (Limited), Manchester	23	0	0

Leggett, William James, 83 Bradshawgate, Leigh, late of 95 Boaler Street, Liverpool, patent-medicine vendor. Trustee, Myles Lee, East Parade, Leeds, chartered accountant. Dated, June 28; filed, July 2. Liabilities unsecured, 322*l.* 15*s.* 6*d.*; estimated net assets, 134*l.* The following are scheduled as creditors:—

	£	s.	d.
Brumby & Clarke, Hull	44	0	0
Gordon, Isaac, Birmingham	80	0	0
Josephs, Philip & Co., London	10	0	0
Mason, W. B., Leeds	90	0	0
Bankers' claims	14	0	0

Gazette.

PARTNERSHIPS DISSOLVED.

Bartlett, J. H., and **Cæsar, A. K. A.,** under the style of Bartlett & Cæsar, Lewisham Park, and Algernon Road, Ladywell, S.E., general medical practitioners.

Bonsor, R. C. H., and **Bonsor, M. W.,** under the style of J. & R. Bonsor & Co., Bradford, dye manufacturers and merchants.

Devitt, H., Hett, E. K., and **Field, F.,** under the style of Devitt & Hett, Mark Lane and Mincing Lane, E.C., colonial brokers.

Ellis, B., jun., and **Ellis, W.,** under the style of B. Ellis & Co., Liverpool, cork-merchants.

Fenton, F. E., and **Davies, F. M.,** under the style of Fenton & Davies, Ealing and Hanwell, physicians and surgeons.

Hodgkinson, C., Treacher, W. B., Clarke, F., and **Ward, J. S.,** under the style of Hodgkinsons, Treacher & Clarke, Whitecross Street, E.C., wholesale and export chemists and druggists; so far as regards W. B. Treacher.

Hollingworth, E. E., and **Dennis, G.,** under the style of Hollingworth & Pickard, Sheffield, chamois-leather manufacturers.

Matthews, F., and **Lindley, W.,** under the style of Matthews & Lindley, Gayton Road, Hampstead, and Alexandra Mews, Abbey Road, N.W., veterinary surgeons and farriers.

Smith, H. W., and **Hollands, S. J.,** under the style of Smith & Hollands, Northcote Road, New Wandsworth, S.W., oil and colour men.

THE BANKRUPTCY ACTS, 1883 AND 1890.

Adjudications.

Brooke, Thomas Noden, Doncaster, chemist and druggist.

Price, George Henry, Strand, W.C., and Richmond Park Road, Kingston-on-Thames, dentist.

Silkstone, Benjamin, Wolverhampton, drysalter.

Stratton, James, Catford, Walworth Road, and Occupation Road, Walworth, S.E., brush-manufacturer.

New Companies and Company News.

Zil (Limited).—Capital 20,000*l.*, in 1*l.* shares. To enter into an agreement with Henry Benjamin, John Mendess, and Charles W. Anderson, and to manufacture, sell, and deal in soaps, dyes, chemicals, washes, medicines, and medicinal and toilet articles.

Kronthal Company (Limited).—Capital 20,000*l.*, in 1*l.* shares (10,000 deferred). To take over the business of mineral, aërated, and other water manufacturers and merchants carried on at Kronthal, in the Taunus, in Hesse Nassau. Table "A" mainly applies.

James H. Dennis & Co. (Limited).—Capital 300,000*l.*, in 100*l.* shares. To take over the business of manufacturers of sulphate of copper carried on by J. H. Dennis & Co. The first directors are the three vendors, Messrs. James H. Dennis, Stanley M. Dennis, and James E. Dennis.

British Drysaltery Company (Limited).—Capital 5,000*l.*, in 1*l.* shares. To carry on the business of druggists, drysalters, and druggists' sundriesmen. The first directors are Daniel Wood and Frederick T. Kay. Qualification, 250*l.* Registered office, 23 Old Corn Exchange, Manchester.

F. Green & Co. (Limited).—With a capital of 15,000*l.*, in 1*l.* shares; present issue, 10,000*l.* To acquire and extend the wholesale drug, spice, seed, and grinding business of Mr. Frederick Green (trading as F. Green & Co.), of Phœnix Mills, Farm Street, Birmingham. The first directors are Frank Henry Prosser (who will be chairman and managing director), Nathaniel Thompson, and Fredk. John Green.

Ross (Limited).—Capital 120,000*l.*, in 1*l.* shares (60,000 5*l.*-per-cent. cumulative preference). To take over the business of manufacturers of and dealers in photographic lenses, cameras, microscopes, telescopes, field-glasses, and other optical instruments carried on by Ross & Co., at 3 North Side, Clapham Common, S.W., and at 111 New Bond Street, W., and to enter into an agreement with John Stuart. The first directors are John Stuart and others to be appointed by the subscribers. Registered office, 111 New Bond Street, London, W.

Idris & Co. (Limited) announce in this journal an issue of 50,000 A Preference Shares of 1*l.* in that undertaking at 24*s.* each. These shares are entitled to a preferential dividend at the rate of 6 per cent., and a share of surplus profits after other dividends have been paid. The average profits of the business for the past four years are certified to have shown an average of over 11,000*l.* per annum, and to have steadily grown since the establishment of the business. It is intended to pay the premiums received from this issue to the reserve fund, and a Stock Exchange quotation is to be applied for. It is anticipated that the Idris agents will largely take up this issue.

Pacific Borax and Redwood's Chemical Works (Limited).—The adjourned annual meeting of this company was held on July 2 at the Dock House, Billiter Street, under the chairmanship of Sir Alexander Wilson. The Chairman, in moving the adoption of the report, said the world's consumption of borax is making marvellous strides; it is coming into more general use for a variety of industrial purposes, as, for instance, for the glaze on enamelled tablets, and for the enamelled ironware now so rapidly taking the place of tinware. For brazing it is indispensable. The silk hat of every-day use is stiffened with borax and other materials. Our laundries almost without exception use it for whitening and glazing linen. For leather-dressing, for glass-making, dyers' use, in photography, and in soap-powders, and in medicine and surgery as an antiseptic it is of immense value. Competition in refined borax has brought the price of it to such a figure as has never before been known. The company, however, are well equipped to meet all competition. They had earned enough during the year to cover the debenture interest and preference dividend combined more than three times over. The report was adopted, and dividends were declared as follows—namely, at the rate of 6 per cent. per annum on the preference shares and 7 per cent. per annum on the ordinary shares for the year ending March 31, 1897.

Trade-Marks Applied for.

(*From the "Trade Marks Journal," June* 30, 1897.)

"DUROL," and portrait of girl in medallion; for a chemical composition for use in manufacture for hardening steel. By George Leopold Mohr, Bessungerstrasse 88, Darmstadt, Germany; technical chemical manufacturer. 204,685. Essential particular: the device.

"MASTONHO"; for a medicinal preparation for indigestion (being for human use). By T. Dutton, 400 Oldham Road, Balderstone, Rochdale; manufacturing confectioner and drysalter. 204,683.

"EUDORA"; for a medicine for human use. By F. W. Vinden, Mount Radford Pharmacy, Magdalen Road, Exeter; chemist, 204,700.

"SALUTARIS," and representation of two stills; for distilled water, aërated. By the Salutaris Water Company, the Distillery, 236 Fulham Road, London, S.W.; manufacturers of distilled aërated waters. 204,023. Essential particular: the device.

Combination of devices on label; for perfumery (including toilet articles, preparations for the teeth and hair, and perfumed soap). By Paul Prot, trading as Paul Prot & Cie., and also as Parfumerie Lubin, 55 Rue Ste. Anne, Paris; perfumer. 199,364. Essential particular: the combination of devices.

"DRAGON FLY," and device on label; for a perfumed essence for the handkerchief. By Roger & Galiet, 38 Rue d'Hauteville, Paris; perfumers. 204,169. Essential particulars: the words "Dragon Fly" and the device.

Representation of Oriental scene; for a toilet-water. By Vidal Frères, 43 Missirli Khan, Constantinople, Turkey; chemists. 201,879.

Sketch of Mother Shipton, and the words "Mother Shipton's Soap," &c., on label; for medicated soap for human use. By G. W. Goodwin & Son, Ordsall Lane Soap Works, Manchester; soap manufacturers. 203,880. Essential particulars: the words "Mother Shipton's," and the device.

Business Changes.

MR. H. C. ROWE, L.P.S.I., has recently opened a pharmacy at 32 Main Street, Arklow.

MR. E. BROWNING has purchased the business from Mr. J. H. Bibbings at Bovey Tracey, South Devon.

MR. H. B. SHARMAN has opened a pharmacy (finely fitted by Maw) at 6 The Pavement, Northwood, Middlesex.

MR. ALFRED SCHMITS announces that he has transferred his business from Barmen to Cologne. His office in the last-named city is at 10A Maria Ablass Platz.

THE old Dutch saltworks belonging to the Salt Union at Winsford are being prepared for the putting down of a plant for the manufacture of toilet and household soap.

THE business for many years carried on by Mr. J. T. Long at 125 Hotwell Road, Bristol, has been purchased by Messrs. Hodder & Co. (Limited), making their fourth establishment.

MR WILLIAM ELLIS, having separated from the firm of B. Ellis & Co., has commenced business as a cork merchant at 17 Slater Street, Liverpool, under the style of Wm. Ellis & Co.

MR. FREDK. A. WILLIAMSON, late with Mr. G. Sharples, Fishergate, Preston, has purchased the chemist's business hitherto carried on at 17 Lovat Road, Preston, by Mr. Parkinson.

MR. JAS. A. REID, of Helensburgh, has taken Mr. Robert Young into partnership in his chemist's business, which will leave him more time to attend to the development of his "Lily Springs" aërated waters.

MESSRS. J. J. THOMAS & SON have disposed of their branch business at 93 Yorkshire Street, Rochdale, to Mr. A. E. Atkins, of Newport, Monmouthshire. They will, however, still continue at 24 Yorkshire Street.

MESSRS. H. BRONNLEY & CO. (LIMITED), manufacturers of private brands of toilet-soaps, of Danbury Street, N., have taken over the fancy-soap factory lately carried on by Messrs. G. W. Lucas & Co., Ockenden Road, Islington, and will continue to carry it on as a branch of their principal works.

MR. OSCAR L. TESDORPF, proprietor of the Hamburg wholesale drug-house of Tesdorpf Gebrüder, has retired from business. The firm will be continued, under the style of Tesdorpf Gebrüder Nachfolger, by Messrs. Heinrich Conrad Adolph Brickwell (formerly procuration-holder of Tesdorpf Gebrüder) and Mr. Rudolph Bode.

Marriages.

GILMORE—SMYTH.—On June 29, at Rutland Square Presbyterian Church, Dublin, George Gilmore, L.P.S.I., to Evelyn Beatrice Lange, youngest daughter of M. Smyth, High Street, Kilkenny.

HINE—HOLLOWAY.—On July 7, at Halstock, Yeovil, by the Rev. J. A. Lawrence, assisted by the Rev. W. E. Plater, Lucy Mabel, youngest daughter of the late Samuel Holloway, of Halstock, to Richard, eldest son of the late Alfred Hine, pharmaceutical chemist, Beaminster, Dorset.

ROBERTSON—SCOTT.—At the Royal Hotel, Aberdeen, on June 30, by the Rev. D. H. Brodie, B.D., assisted by the Rev. G. L. Pagan, Joseph Robertson, chemist and druggist, Cullen and Portknockie, to Agnes Alice, second daughter of Thomas Scott, compositor, Edinburgh.

Deaths.

ALBRIGHT.—On June 25, Mr. Henry Albright, pharmaceutical chemist, Bootle, near Liverpool. Aged 82.

BAKER.—On June 24, Mr. Robert William Baker, chemist and druggist, Notting Hill, London, W. Aged 64.

BOLT.—On June 7, Mr. John Pleace Bolt, chemist and druggist, late of Tavistock, Devon. Aged 68.

BORDASS.—On July 3, Mr. James Bordass, chemist and druggist, Great Driffield, Yorkshire. The deceased was one of the oldest and most respected tradesmen, having been connected with the town for nearly fifty years. He had held various public offices, and for the last five years had been the people's warden. He was also a prominent Freemason.

HURST.—On June 23, Mr. James Hurst, chemist and druggist, Oldham. Aged 53.

MATTHEWS.—Mr. W. O. Matthews, pharmacist, of Johannesburg, died in the hospital of that town on June 15. Mr. Matthews was one of the first chemists who practised his profession on the Rand.

PLUGGE.—A telegram from Buitenzorg, Java, announces the sudden death in that place of Professor Pieter Cornelis Plugge, of the University of Groningen, in Holland, whose departure for Java on a pharmacological expedition we announced a few months ago. The deceased gentleman was born at Middelburg, in Holland, in 1847, and trained at the clinical school at that town, and afterwards at the Athenæum at Amsterdam. In 1868 he passed his pharmaceutical examination, and for the next eight years he acted as assistant in the laboratory of Professor Gunning at Amsterdam and at the physiological laboratory at Groningen. In 1876 Dr. Plugge was appointed director of the pharmaceutical laboratory (Shiyakuyo) at Tokio, and adviser to the Japanese Government on questions of hygiene and chemistry. He occupied this position for two years, and then returned to Holland to take the chair of pharmacy and toxicology at Groningen. In that town an important pharmaceutical laboratory was built under his direction, and there a greater portion of his scientific work was done. The principal publications of pharmaceutical interest from Professor Plugge's pen have been his researches on aconitine, on andromedotoxine, on cytisine, the alkaloids of opium, and on the vegetable products of the Dutch Indies. Professor Plugge also wrote a book on the variations in the chemical composition and pharmaco-dynamic value of certain important remedies, which was translated into German by Professor Schaer in 1886.

STAIN.—On June 22, Mr. Thomas William Stain, chemist and druggist, Leicester. Aged 52.

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Editorial Comments

THE PRIVY COUNCIL AND THE BY-LAWS.

THE Lords of the Privy Council with magnificent impartiality have succeeded in disappointing everybody concerned in regard to the new by-laws submitted for their sanction by the Council of the Pharmaceutical Society. The Council, who wanted the additional fees in a hurry, are put back for at least two years; the reformers, who deplore the insufficiency of the Preliminary examination, are not much better treated; and the minority, who for one reason or another objected to what they regarded as an unjust imposition, are left to infer that that injustice can only be suspended for three years. The public, on whom the extra expense will ultimately fall, and whose interests the Privy Council is expressly authorised to protect, get no say at all in this matter, unless it may be taken that they are represented by those peculiarly interesting youths who wrote to a contemporary declaring their passionate desire to pay a twelve-guinea fee in preference to a seven-guinea one.

We understand, from the statement made by the President of the Pharmaceutical Council, that the Lords of the Privy Council were not willing to sanction the new by-laws in the form in which they came before them, but that they, or somebody on their behalf, intimated that, with certain modifications, they would, or at least they might, be in-

duced to approve of them. Of course, a loaf in three years' time is better than no loaf ever; so the Pharmaceutical Council are beginning their readings of the by-laws over again. The three years will probably be a hungry time, but the result (if it may be looked upon as a sure thing) is better for the Society than some of us expected.

The argument which seems to have influenced the Privy Council especially must have been the very strong one used on behalf of youths who had entered the trade on the understanding that fees amounting to not more than seven guineas would have to be paid. Exactly the same argument might have been used when the proposal to raise the fees was made in 1892, but it was not pressed at the time, and does not seem to have then occurred to the unaided understanding of their lordships. Those of us who opposed the proposals on this occasion may take the credit of having obtained at least so much effect.

If, as Mr. Hills suggests, something like an assurance has been given that the addition to the fees will be sanctioned provided that an interval of three years before the enforcement of the new scale is fixed, there is not much use, we suppose, in re-opening the controversy. But we are not quite satisfied that this is the case. It is, to say the least, a curious assurance for a body like the Privy Council to give. They will surely give due consideration to other objections. The demand will be as exorbitant and as uncalled for three years' hence as it is now. We have shown conclusively that the present fees provide the Society with a profit of some 6,000*l.* a year, which ought to be sufficient to pay for all the useful public work the Society can ever do. We have shown that that money is spent on the Society's own indulgences and on its speculative enterprises. We have shown these things so conclusively that the official advocates of the Council's policy were driven at least to argue that the Society had the right to expect to be found in money for whatever expenditure the Council in its wisdom should think proper to incur. And it is this argument which we are now informed the Privy Council is prepared to endorse after a three years' respite. Such is statesmanship.

BRITISH PHARMACEUTICAL RECIPROCITY.

I.

We are pleased to note a change in the tone of the President of the Pharmaceutical Society of Great Britain regarding reciprocity in respect to certificates between that Society and the various other pharmaceutical bodies of the British Empire. When, in January last, the Pharmaceutical Association of Quebec appealed for reciprocity the President said, "The only reply could be that they had no power to receive certificates in lieu of their qualifying examination. They would require a new Act in order to grant what the letter asked." We ventured then to suggest that this was one of those things which might have been expressed differently, and on Wednesday, when the Pharmacy Board of Victoria made application on the same subject, the President wisely said that the matter was most important, and consideration of it was referred to the Law and Parliamentary Committee. We may now state that since the Quebec incident we have instituted an inquiry into the relations between the United Kingdom and her colonies in regard to the qualifications of those practising pharmacy therein, and as to the possibility of one pharmaceutical certificate qualifying the holder in any part of the British Empire, and have received replies from most of the colonial authorities, who have all considered our communication in a thoroughly impartial manner, and we gather that there is a desire on the part of the pharmaceutical authorities in the extreme parts of Greater Britain to come more closely into touch with the mother-country. It is officially considered that a new Pharmacy Act will be required before any step can be taken, but we question if this is altogether correct. There is nothing in the Pharmacy Acts which specifically permits acceptance of certificates in Latin, English, and arithmetic, such as have been accepted for many years by the Boards of Examiners in lieu of the Preliminary examination. The Council and the Boards shelter themselves behind the technicality that no certificate is accepted which is not approved by the examiners, and as the Minor examination comes under the same section (viii.) of the 1852 Pharmacy Act as the Preliminary examination, the same procedure ought also to obtain. Two blacks do not make a white, however, and the Pharmaceutical Society of Great Britain is certainly not at present strong enough to inaugurate such a revolutionary thing as the acceptance of other certificates in lieu of the Minor. That there are difficulties in the way of Imperial reciprocity in pharmaceutical certificates we readily admit, and the greatest difficulty of all is that which must be reckoned with in any scheme of federation of the parts of the British empire—viz., the diverse interests of the parts and their positions in the scale of social evolution. While, theoretically, it sounds reasonable that a chemist and druggist in, say, Mashonaland should have as competent skill and knowledge as one who sets up in business in Bond Street, there is no reason in the idea at all when we put it into practice, and the Pharmacy Boards of Greater Britain admit this by putting their examination standards low. We at home have gone upon the same principle. From 1868 to 1875 the Minor examination of Great Britain was a comparatively trifling matter; it was not necessary to be of full age to pass it, a fact which shows better than anything how simple it must have been—that is, reckoning by the present standard. Then it was extended somewhat, and the extension has been going on *sub rosa* and by syllabus ever since, and no one dares to anticipate when finality will be reached. The latter circumstance introduces another difficulty. The Pharmaceutical Society once told the Victorians that they would consider the question of receiving the certificates of other examining bodies whose examinations may be in every respect identical with those of the British Society—a condition which, if carried no further than the syllabus, might be fulfilled, but without a powerful authority and great expense could not be practically enforced, as, for example, in the way that the General Medical Council maintains the standards of the several examining bodies—viz., by visitation. Another difficulty, and a very real one, is the jealousy of different communities towards each other. The man who imagines that the Boards of Examiners for England and Wales and Scotland have reached their present uniformity without heartburning must be an innocent person. Scotland insists on its independence, and, being the smaller body, naturally regards anything in the way of suggestion from the larger one in England as dictation. So, too, Ireland prefers to retain her independence in pharmaceutical matters, an independence which amounts to isolation, as some colonial Pharmacy Acts utterly ignore the Irish diploma, while they recognise the British certificate. In spite of all this, we do not reckon the difficulties to be so great that they cannot be overcome; and it was with the view of determining colonial feeling that we early in the year communicated with the Pharmacy Boards in Extra-European parts of the British Empire. We have already made it clear that reciprocity means that not only shall the British Minor certificate entitle the

holder to registration, without further examination, in Canada, West Indian Islands, South Africa, Australasia, and Ireland, but that the certificates granted in any of these places will entitle their holders to similar privilege in any of them or in Great Britain. To accomplish this outright and at one time is utterly out of the question, and that is where the various corresponding Societies have made a mistake. The *pro tanto* principle is the one to go upon, and the Preliminary examination the first thing to be made the same throughout the British Empire. This seems conclusive, because elementary education does not differ much in any part of the Empire; it is chiefly in facilities that there is difference, for English, mathematics, Latin, French, &c., are the same all the world over, although pharmacy may be different. Enough has been said at present regarding the importance of considering the question. We are glad to recognise that our quiet effort has been so far attended with a fruitful result, and that the New South Wales and Victoria authorities have backed us up so promptly and in so practical a fashion. In our next article on the subject we hope to show what colonial feeling on the matter exactly is.

GERMANY DOES NOT LIKE IT.

The export trade of Germany, which in 1896 reached the highest value ever recorded (215,000,000*l.*), is this year showing signs of shrinkage. There is nothing alarming in this, but the Germans have become so accustomed to see each quarterly return of business top the one before, that the decline shown by the figures for the first three months of 1897, compared with the same period of 1896, is frightening them. There has been an unusually heavy export to the United States (mostly of German beetroot sugar), in anticipation of the enforcement of the new tariff; but had this not been so, the decline in value of German exports would have been a very serious one. In connection with these facts, the last market report of the Berlin drug-house of Brückner, Lampe & Co. calls attention to the discriminating tariff in favour of British goods just adopted by Canada, and to what it calls the "display of the world-wide power of Great Britain on the occasion of the recent Jubilee festivities." The German firm calls the action of Canada a breach of the treaty obligations between Britain on the one side, and Germany and Belgium on the other, and points out that the German exports to Canada, which amounts to 16 millions of marks a year, will suffer. But this is not so serious a matter for Germany, Messrs. Brückner, Lampe & Co. think, as the fact that the Canadian tariff and the Jubilee make for free trade in the British Empire and protection against the foreigner. Then they go on:—"Germany cannot bear for long a diminution of its exports, for the growth of population forces the country beyond its frontiers with elementary force. Between 1832 and 1895 thirteen millions of people have been added to Germany. Of these, four millions live by industry, 1½ million by trade and commerce, and only ¾ million by agriculture." All very true; but our German friends forget that whatever strength the movement for commercial federation of the British Empire possesses it derives from the irritation caused by the protectionist policy of the United States, France, Russia, and other countries, not the least of Germany herself. If the Fatherland had not deliberately set herself to twist the British trade-lion's tail in Britain and the colonies, while at the same time practically excluding this country from the German market, the commercial federation of the British Empire would not now be a question of practical politics. It is something worth remembering that the day after we shut out Germany from the markets of the British Empire her elementary forces will blow her up. As the rhyme says,

"He that by his trade would rise,
Must either bust or advertise."

THE YORKSHIRE RELISH TRADE-MARK.

The House of Lords has unanimously confirmed the decision of the Court of Appeal, which itself unanimously supported Mr. Justice Stirling's judgment, in reference to the Yorkshire Relish trade-marks. Eight learned Judges have had this case before them, and without a dissentient voice they have resolved that Messrs. Goodall, Backhouse & Co., the acknowledged inventors of both the sauce and the title, are entitled to legal protection against infringements of the latter.

Far be it from us to say a word against this judgment. The Leeds firm, in our opinion, have only obtained simple justice. They have had to fight hard for it, and have had to take the risks of pedantic legalism, which even yet are considerable in all cases, and in this instance were especially so. For as it seems to us, and as we shall show immediately, their victory means the triumph of fair play over statute law, and we confess that in the beginning of the litigation we hardly expected they would be successful.

The Trade-Marks Act of 1872 was advocated and drafted and enacted with the single view of establishing beyond all question or cavil the rights of proprietors of trade-marks in the property which they had created. It was assumed that a mark once on the register would become recognised as the property of the registered owner, and, conversely, that persons wishing to adopt trade-marks could use with the assurance of safety such words and devices as the trade-mark register showed were not at the time appropriated. The commercial community has supported the Act with the most thorough intention of making it a workable one. The Comptroller has raised difficulties which had never presented themselves to trade-mark inventors previously with extraordinary ingenuity, but we are not prepared to say without reason. But it was always assumed by legal authorities that sooner or later we were going to get a trade-mark register which we could trust, and that traders' rights in this intangible sort of property were to be clearly and rigidly defined. So far as we can see the decisions of the highest Courts, just decisions as we fully believe them to be, have made mincemeat of the Trade-Marks Acts and of the tempting prospects which its apologists held out.

To a greater extent than many traders imagine those statutes are delusions and snares. Half of the marks registered are absolutely valueless. There is no mark on the register which is not liable to be struck off as soon as its owner attempts to enforce what he may think are his rights in regard to it. The absence of a particular word or device from the register is no guarantee to the unsuspecting novice that he may safely adopt it. The innocent trader who, after laboriously whipping his brains, invents what he thinks is a clever word or an attractive sign cannot possibly foresee what dangers the Comptroller may see in that mark; and, moreover, above the Comptroller is the Board of Trade, above the Board is the Chancery Division, above that is the Court of Appeal, and at the top is the House of Lords. You may have to run the gauntlet of all these authorities before you can know whether your trade-mark is yours. Truly, this is a lovely law-ridden country.

This Yorkshire Relish case illustrates very well some of these difficulties. A good many years ago it was decided in the case of the "Melrose" hair restorer that geographical names could not, under any circumstances, be admitted as registered trade-marks, and this condition has been incorporated into

the Act of 1883, so that when the title "Yorkshire Relish" was, for technical reasons, struck off the register as an old mark, it was impossible for the proprietors to re-register it as a new mark. The Birmingham Vinegar Brewery Company, not unnaturally at the time, assumed that the title, being without legal protection, might be used by anyone. They accordingly adopted it for a sauce which they said was identical with the sauce manufactured by the Leeds firm. Mr. Justice Stirling, and subsequently Lord Justice Lindley, admitted their general right to use a non-registered mark, but so limited that right as to make it practically worthless. Lord Justice Lindley said they could only make use of the name by which the article is known if they could do so without any danger of their goods being taken for those of the original maker, and he plainly intimated that in his opinion this could not be done. And this view has been fully endorsed by the other Judges. Now there is no better-established trade mark in the United Kingdom than Messrs. Goodall, Backhouse & Co.'s "Yorkshire Relish," and yet it is a mark which cannot be recognised as a statutably registrable one.

DR. RENTOUL'S MIDWIVES' BILL.

THAT untiring medical reformer, Dr. R. R. Rentoul, has now drafted a Bill with the familiar object of "protecting the public" against ignorant midwifery, medical, and surgical nurses. It is not proposed, he states in a prefatory memorandum, that it shall be made illegal if any person help others in a friendly manner, nor that every person must have a medical practitioner. For so much generosity we feel duly grateful. But Dr. Rentoul's Bill goes far beyond the object expressed in the opening sentence of his memorandum, which indicates that the object of the measure is to enable the public to know "who are trained midwifery, medical, and surgical nurses." That object is a reasonable and legitimate one, and it is sought to be obtained by another Bill, of which Dr. Rentoul and his friends do not approve. He wants, he intimates, to carry out the spirit of the Medical Act, 1886, "which provides that no person shall be lawfully entitled to practise either medicine or surgery, *or midwifery*, unless he or she shall have studied for at least five years, passed qualifying examinations, and be registered in the Medical Register." This is a misrepresentation. Neither that Act nor any other in English law provides anything of the kind alleged. The Act of 1886 specifies the conditions under which registration may be obtained, and indicates what is considered a standard of proficiency; but it nowhere suggests that persons not so registered are not "lawfully entitled" to practise medicine, surgery, or midwifery. Dr. Rentoul's Bill, perhaps, goes beyond even his own intentions. We can hardly think that the provision (Clause 3, Sub-clause 6) which declares that "any person who shall fail to be registered" is to be liable to a penalty of 20*l.* is seriously meant; but the object of the Bill is clearly to limit, not to extend, the services of qualified nurses. The certificate is to declare that the person named is entitled to act only as a nurse, and "is not entitled to act as a physician, surgeon, or accoucheur, or dentist or chemist, or to conduct any case of confinement on his sole responsibility, or to prescribe any medicine or to treat any complaints of any woman or newly-born infant." For this precious certificate, which is to be obtainable only after due examinations, and which would impose disabilities on its holder to which no other persons in the realm are subject, nurses are to pay 3*s.* 6*d.* a year, so as to pay a number of officials under the suggested Act. And the author of this Bill claims that he is seeking to protect the public, and does not propose to require that every person must have a medical practitioner!

A BACTERIUM WHICH LIVES IN ALCOHOL.

Mr. and Mrs. V. H. Veley communicate to *Nature* an interesting note regarding the deterioration which has recently been observed in Demerara rum. They obtained samples direct from a bonded warehouse, which they found to contain 74·6 per cent. of alcohol by weight, and on microscopical examination of a sediment at the bottom of the samples found it to consist of chains of small cocci. After the spirit had been kept for some days the cocci were seen to be surrounded with a gelatinous envelope, and after a further interval of time the cocci were found disseminated throughout the liquid, and were rapidly developing and multiplying. The micro-organism belongs to the *Coccaceæ*, and the authors are inclined to regard it as a new species; indeed, the observation of the existence and multiplication of any micro-organism in a spirit of such alcoholic strength appears to be quite novel.

FEWER FAILURES.

The statistics issued by Mr. Richard Seyd, F.S.S., show that the gradual reduction in the total number of failures which was observed to start in 1893 is still in progress. In the first six months the number of failures, including bankruptcy adjudications and deeds of arrangement, reached 4,153. In the first six months of 1896 the total was 4,351. The total number of failures in the drug-trade in the half-year was 25; in the first half of 1896 it was 29; drysalters and oilmen are 16 to 19; medical men of all sorts, 11 to 22; aërated-water makers, 11 to 9; grocers (who may be taken as representative shopkeepers), 421 to 479; and private persons (who may be regarded as representative customers), 118 to 151. It must not be forgotten, however, in these days of companies that their windings-up are an appreciable addition to our commercial collapses. Mr. Seyd mentions that in the first half of 1897 800 limited companies were wound up—414 voluntarily, 181 on account of liabilities, 168 for the purpose of reconstruction, and 37 with order from the court. Besides these, a considerable number cease to carry on business, and no more is heard of them till some fine day the Registrar will make a general clearance of his books.

"RELIABLE RECIPES."

We cut the subjoined formulæ from two esteemed contemporaries:—

Glycerine of Cucumber.

The following contains 25 per cent. of glycerine, and gives an excellent emulsion, which is very cooling and healing to the skin:—

Take of—

Yolk of one egg	
Glycerine	2 fl. oz.
Tincture of quillaia ...	2 fl. dr.
Oil of sweet almonds	1 fl. oz.
Essence of cucumber	1 fl. oz.
Rose-water to make...	8 fl. oz.

Mix the glycerine with the egg-yolk, add the quillaia, and slowly rub in the oil; then add gradually the essence of cucumber, previously mixed with 2 fl. oz. of rose-water, mixing thoroughly before each addition, and adjust final volume to 8 fl. oz. with more rose-water.

Lime-juice and Glycerine.

The following gives a beautiful creamy emulsion, which is really beneficial and nutritive to the hair:—

Yolk of one egg	
Glycerine	1 fl. oz.
Tincture of quillaia ...	2 fl. dr.
Oil of sweet almonds	1 fl. oz.
Lime-juice	1 fl. oz.
Rose-water to ...	6 fl. oz.

Mix the egg-yolk thoroughly with the glycerine in a mortar, add the quillaia, and then slowly rub in the oil; then add the lime-juice in small quantities at a time until a perfect emulsion is formed; then slowly mix in the rose-water. If you like, you can perfume it with any essential oil, such as lavender or rosemary.

We cannot say which of our friends started the game, but we have thought it advisable to bring the two things together, lest by a little further juggling we might get a boot-cream or a furniture-polish on the same lines.

NOTHING NEW UNDER THE SUN.

A new form of suppository has been introduced by Dr. Overlach, a German physician. It has a string and crosspeg attached to it, and has been patented. The object of the string is to prevent the suppository going beyond a certain distance. This idea was in use more than eighteen centuries ago. We have an article in type in which this matter is dealt with; prescriptions of Galen's and other ancient physicians are quoted, and it is observed from these that some suppositories were of the nature of those which we have now, others were non-fatty, and it was expected that a third class should be kept in the bowel for a time only, then withdrawn. This last class had the string attached to them.

A POSTHUMOUS PAPER ON CHELIDONINE.

When we recorded the untimely death of Mr. Arthur J. G. Tyrer, we mentioned that he had been engaged on an investigation in regard to the constitution and properties of chelidonine, the active principle of celandine, which at that time seemed to have a great future before it as a remedy for cancer. As clinical experience of the drug extends there seems less hope of the remedy being useful for cancer; nevertheless, Mr. Tyrer's work on chelidonine is of great value. Professor Schmidt, of Marburg University, has communicated the results of it to the *Apotheker Zeitung*, and it appears from the notes that Mr. Tyrer first confirmed the observations of Henschke and Salle that the empirical formula of the alkaloid is $C_{20}H_{19}NO_5H_2O$. He used alkaloid made by himself, also a sample obtained from Merck, both being, when crystallised from hot alcohol, in glistening monoclinic tables, melting at 135° C. After proving the formula by combustion, the hydrochloride, hydrobromide, phosphate and methyiodide of the alkaloid were prepared, all of them being anhydrous salts. On acetylising, a monoacetyl derivative $[C_{20}H_{18}(C_2H_3O)NO_5]$ was obtained, which also crystallised well from hot alcohol, the crystals melting at 158° C. This derivative formed a hydrochloride, and platinum and gold chlorides respectively $(BAc.HCl)_2PtCl_4$ and $BAc.HCl,AuCl_3$, BAc representing the acetyl-derivative. The platinum salt was crystalline, and the gold one amorphous. The action of benzoic anhydride on the alkaloid resulted in the formation of monobenzoyl chelidonine, similar in construction to the acetyl derivative, and it yielded a platinum double salt also. This study of derivatives confirms Henschke's observation that only one H atom exists in the molecule as OH, but disproves his conclusion that H_2O is not split off. The note concludes with a brief statement of the uncompleted work on the action of hydroxylamine on the alkaloid, whereby chelidonoxime $(C_{20}H_{19}NO_4.N.OH)$ is obtained. The investigation is being continued by Mr. M. Wintgen, a young pharmacist.

Westminster Wisdom.

Metric Weights and Measures Bill.

This Bill was down for third reading in the House of Commons on Tuesday, but the 12 o'clock rule applied before the order was reached.

The Workmen's Compensation for Accidents Bill.

This Bill is now in its Report stage—that is to say, the House is reviewing its own work in committee. A new clause has been added to the Bill, on the motion of the Home Secretary, that will give the workman in cases where some person other than the employer causes the injury, the right to proceed either against that person or the employer, but not against both. If he proceeds against the employer the employer will have the right to claim indemnity from the other person for any compensation which he may have to pay. The clause is intended to meet the case in which a workman suffers injury owing, say, to a defect in plant through some person admitted to a factory to make repairs. The Government indicated subsequent amendments which would make the limitation of their intention clearer, but some members objected to the limited interpretation of the clause. Mr. Asquith went so far as to argue that if a commercial traveller employed by a firm met with a railway accident whilst in the pursuit of his calling he should have the option of claiming compensation from the people employing him rather than from the railway company. To that view, however, the Government could not assent.

Professional Reciprocity throughout the Empire.

Mr. Hazell, M.P. for Leicester, has endeavoured to turn the flowing tide of Imperial enthusiasm into a new channel by asking Mr. Chamberlain whether it would be practicable to invite the Colonial Premiers while visiting London to consider the desirability of bringing before their respective Governments the need for making the conditions of admission into the various professions uniform throughout the Empire, so that a person entering a profession in any part of it might practise it in any other part without more difficulty than if he remained in the country in which he originally qualified? This suggestion raises, as will be seen, the idea of the interchange of pharmaceutical, as well as of medical, dental, and other certificates. It needs a member of Parliament to realise how particularly competent Prime Ministers must be to discuss such a topic offhand. Mr. Chamberlain, in reply to the question which was put in the House of Commons on Monday, said he should be glad to see progress made in this direction, and hoped to see the Colonial Solicitors Bill passed this Session, but, he added, there were so many subjects of pressing importance to be discussed that he feared it would be impossible to consider the details of this question with the Premiers.

The Verminous Persons Bill.

This Bill, which happened to be first on the orders on Wednesday for third reading, excited an altogether ridiculous amount of attention, which was due to the fact that the Plumbers' Registration Bill stood second and the Parliamentary Franchise (Extension to Women) Bill fourth. Members opposed to these two measures therefore adopted tactics of discussing Mr. Hazell's Bill. The object of the obstructives was attained. They kept the discussion going for three hours and a half. The Bill was then read a third time by 135 to 82.

Should the Post Office be Account-collector?

There is a system in operation on the Continent and in India whereby the Post Office collects the purchase-money for goods sent by parcel-post, and remits it to the sender, less a small commission. Mr. Hazell the other day inquired whether, in view of the expected increased use of the parcel-post, consequent upon the reduced charges, the Postmaster-General would consider the advisability of introducing the system into this country? Mr. Hanbury, who replied, said the question had been for many years before the Department, but hitherto there had not appeared to be any widespread desire for its adoption. Retail traders were much opposed to it. It was significant that a resolution in favour of its introduction, brought forward at the last autumn meeting of the Associated Chambers of Commerce, was lost by a large majority. At present, therefore, the Postmaster-General would not feel justified in taking any action in the matter.

Costly Courtesy.

On Wednesday Mr. Henniker-Heaton asked whether the Postmaster-General was aware that on June 23 the Department fined a merchant for sending by book-post an order for goods in the words, "Please send at once," and that, in answer to a complaint, the reply was sent that the order contained written matter other than that allowed? Mr. Hanbury, in reply, stated that the words "please" and "at once" were the words not allowed at the halfpenny rate. He added with some emphasis that the concessions made to extend the privilege of a cheap and unremunerative post had gone as far as it was possible to justify, and that if the apparent inconsistencies of the Post Office which had resulted from such concessions were found inconvenient, it might be desirable to reconsider the whole matter, and subject all documents of a like character to the letter-rate of postage.

Proprietary Articles Trade Association.

A MEETING of the Council of the above Association was held at Anderton's Hotel on July 7, under the presidency of Mr. H. W. Seely, Vice-president. The following members of the Council were also present: Mr. Charles Sanger, Mr. J. E. Garratt, Mr. W. F. Powell, Mr. J. Shorrock, Mr. G. A. Hayman, Mr. E. P. Sanger, Mr. W. R. Barnes (Upton Manor), Mr. James Cocks (Plymouth), Mr. F. Rowsell (Exeter), and Mr. Albert Cooper (South Kensington).

The report of the Executive Committee, dated July 7, which was submitted to the meeting, stated that the following additions had been made to the protected list, namely:—

Eucalturp, Kaputine, Vidace, Collis Browne's Chlorodyne, Tikheel, Lorimer's "X" Crystals, Homocea Soap, "Ovaline" Soap, Aston's Ark Embrocation, Bronkets, Munyon's Homœopathic Remedies.

Over 300 retail members have joined during the quarter. Messrs. Burgoyne, Burbidges, & Co. had joined the wholesale section. The report then detailed the steps which had been taken towards carrying out the resolution passed at the last Council meeting, by which the Committee were instructed to take the earliest possible steps towards forming a separate list of grocery articles. Meetings in connection with Grocers' Associations had been held at Northampton, Reading, Swansea, Southport, Salisbury, Southampton, Bournemouth, Hull, Barrow, and Middlesbrough, and in each case unanimous resolutions were passed in favour of the Association's scheme. Resolutions in support of the movement had also been passed by Grocers' Associations at Manchester, Liverpool, and Oldham, and the Committee had reason to hope that it would be able to go actively to work in forming the grocery-trade section with the approval and support of the Grocers' Federation. These meetings had almost monopolised the time of the staff, and had delayed the development of the newly-formed photographic-dealers' section. But after the Grocers' Conference at Liverpool active steps will be taken to give shape to this section. Many new local secretaries had been appointed, and it was hoped that other localities would appoint secretaries.

On the motion of Mr. Charles Sanger, seconded by Mr. Powell, the report was unanimously passed.

The question of making provision for donors and honorary members was considered by the meeting; and on the motion of Mr. Garratt, seconded by Mr. Rowsell, the following resolution was unanimously passed:—

> That any person or firm desiring to give a donation of 5*s.* or upwards to the Association shall be included in a list of donors to be published in the annual report of the Association; and, further, that any person or firm desiring to become honorary members of the Association be allowed to do so on election by the Executive Committee and payment of an annual subscription of five guineas, such honorary members to be allowed to attend any of the *general* meetings and functions of the *Association*, but not to have the privilege of voting.

The following recommendation from the Executive Committee was unanimously agreed to:—

> That the annual dinner take place on the Thursday of the Chemists' Exhibition week (August 19 next), at the Holborn Restaurant, at 7.30 P.M. sharp. Tickets, 7*s.* 6*d.* Double ticket (lady and gentleman), 12*s.* 6*d.* Tickets to state morning dress.

On the motion of Mr. E. P. Sanger, seconded by Mr. Cooper, the Secretary was instructed to ask the co-operation of the wholesale houses who are members of the Association in the collection of the subscriptions of retailers by asking them to receive the subscription, so that retailers may remit the amount with their monthly account.

GROCERS' MEETINGS.

A meeting of Southport grocers was held on June 30, and one at Barrow the same day, Mr. Glyn-Jones attending both. Mr. W. Johnston, Assistant-Secretary, was present at a meeting of Salisbury grocers on Monday last. At all these meetings resolutions in support of the P.A.T.A. were adopted. A similar resolution has also been passed by the Committee of the Birkenhead Grocers' Association.

A well-attended meeting of grocers was held at Middlesborough on July 16. Mr. Glyn-Jones explained how the P.A.T.A. was worked and what it was capable of doing, and a vigorous discussion ensued, during which fear was expressed that if grocers supported the P.A.T.A. they would simply be playing into the hands of the Pharmaceutical Society. Mr. Glyn-Jones pointed out that there was no connection between the P.A.T.A. and the Pharmaceutical Society, and that their objects were entirely different.

The Pharmacy Act.

SALE OF POISON BY AN UNQUALIFIED ASSISTANT.

AT the Bloomsbury County Court, on Wednesday, before Judge Bacon, Q.C., the Pharmaceutical Society sought to recover from Frank Redhead, an unqualified assistant to a chemist, the sum of 5*l.*, being a penalty for the contravention of the Pharmacy Act, 1868. Mr. T. R. Gray appeared for the Society. The defendant conducted his own case.

Mr. Gray said the defendant had been employed by Mr. W. B. Adlington, chemist and druggist, 6 Weymouth Street. On April 2 last Mr. Partridge, an officer of the Pharmaceutical Society, called at the shop and found the defendant by himself. He asked for 2*d.* worth of laudanum and 2*d.* worth of lin. sapo., to be mixed. These the defendant served him with. Mr. Gray quoted the judgment of Mr. Justice Hawkins in the Wheeldon case.

Mr. John Partridge, living at Brixton, said that, acting under instructions, he went to Mr. Adlington's shop, and the defendant, who was there by himself, supplied the laudanum and soap-liniment asked for. There was no one at all there to help him.

Defendant: Did you not see a back room?—Yes, certainly I saw one.

Well, Mr. Adlington was in there.—But he never helped you to serve it.

I had to go in there to get the laudanum.—You took it off a shelf in the shop.

Mr. Adlington is too ill to serve in the shop, and has to sit in the back room in a chair all day long; but there is a qualified chemist there besides him every day.

Mr. Gray: Who is he?

Defendant: Mr. Eastes. He is an F.I.C. and a pharmaceutical chemist.

Mr. Gray: And you can swear he is there every day?

Defendant: I can.

Mr. Partridge said, further, he had the contents of the bottle analysed. It contained 1¼ oz., in which there were 16 gr. of opium, equal to ½ oz. of laudanum.

Defendant said he only put up 2 dr. of tincture of opium, and he entered the sale, as he always did.

In reply to the Judge, the witness said the defendant did not go into this back room for the laudanum. He took the bottle from a shelf at the back of the shop. The defendant persisted in his statement that the laudanum was in the back room, and suggested that the case should be adjourned so that he could bring evidence to prove what he said. Besides, he added, I was actually talking to a qualified chemist at the moment. In answer to inquiries, he said this was a Mr. Carter, from Kendal, who was paying him a friendly visit. On this occasion Mr. Carter superintended the sale. He actually measured the laudanum.

His Honour said he could not believe the defendant's story as to how the poison was made up. He should give judgment for the Society for the 5*l.* penalty, with counsel's and witnesses' costs.

Mr. Gray: How can you pay?

Defendant: I cannot pay. I have been out of work for twenty-one weeks, and have not got a penny to call my own.

His Honour: I shall make an order for payment forthwith, and then if the Society like to be lenient and give you time to pay by waiting until you get another berth, that is their business.

Personalities.

MR. D. VAUGHAN, Glyndale, Oswestry (late of the Cross, chemist), has been placed by the Lord Chancellor on the Commission of the Peace for the Borough of Oswestry.

MR. THOMAS GUEST, head of the firm of Thos. Guest & Co., manufacturers of medicated lozenges, &c., Manchester, has been placed on the Commission of the Peace for the city of Manchester.

AMONGST the successful candidates at the recent second examination of the Royal College of Physicians and Surgeons was Mr. Edwin S. G. Fowler, of Yorkshire College, Leeds, son of Mr. E. Fowler, chemist, Hull.

THE German Consul in London has requested the Chamber of Commerce to supply him with the name of an expert in coal-tar matters. The request has been referred to the committee of the Coal-tar Distillers' Association.

THE London Chamber of Commerce are trying to arrange an interview with the Right Hon. Mr. Seddon, Premier of New Zealand, on the subject of the commercial travellers' tax levied in that colony. The initiative for this step was taken by Mr. F. H. Lescher and one or two other members of the Chamber interested in Australasian trade.

FORTY years ago Sir William Crookes was one of the leading amateur photographers of the day, and was Secretary of the Photographic Society. The *Amateur Photographer* recalls the fact that the first great step in the evolution of the modern dry-plate from the wet collodion plate is due to Sir William Crookes in conjunction with Mr. John Spiller.

SUBJOINED is a portrait of Sir George F. Duffey, M.D., President of the Royal College of Physicians in Ireland, who represents the Privy Council at the Irish Pharmaceutical examinations. Dr. Duffey is a graduate of the University of Dublin, and served seven years in the Army Medical Department, afterwards commencing practice in Dublin. He is Professor of Materia Medica and Pharmacy in the Carmichael College of Medicine (the School of the

Royal College of Surgeons), was for four years inspector under the General Medical Council of the Final medical examinations, and was commissioned to report to the Council on the United Kingdom examinations in sanitary science. He has made numerous contributions to the medical societies and to the medical journals, and is editor of Handsel Griffith's "Materia Medica and Pharmacy." Our portrait of Sir George is from a recent photograph by Chancellor, of Dublin, and represents him in his presidential robes.

Trade Notes.

THE premises of Messrs. Willows, Francis & Butler, wholesale druggists, were somewhat damaged on Tuesday by a fire, which burnt out a cycling club next door to them. We are asked to state that the fire has not interfered with their business.

THE analyst to St. Saviour's Board of Works, London, S.E., reports that he has analysed a sample of Vi-Cocoa, and finds it as described, a combination of cocoa, malt, hops, and kola-nut, the last article being a nerve-stimulant of a valuable character.

MESSRS. JAS. EWEN & SONS, of 5 Hatfield Street, Blackfriars, S.E., are now putting up their plain and benzoated lard in tins of 1, 4, 7, or 14 lbs., as well as in pots. The tin-packing has the advantage of being less bulky and less costly in respect to freight. The risk of breakage is also smaller. The empties are not returnable.

MESSRS. W. H. WILLCOX & CO., 34 and 36 Southwark Street, S.E., have just published a pocket edition of their illustrated catalogue of lubricating-oils, anti-incrustation fluid, pumps, pulleys, and machinery generally. It is a valuable little book for those who do a heavy trade and for wholesale druggists and manufacturers, whom we recommend to apply to Messrs. Willcox for a copy. They tell us that they will gladly supply all connected with the trade.

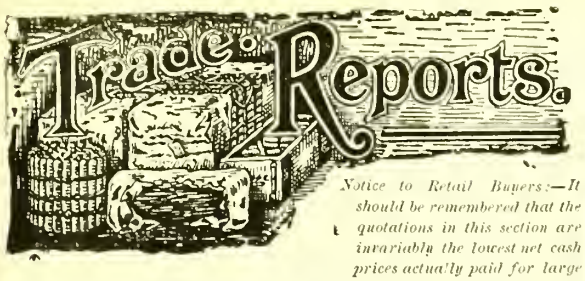
EARTHQUAKE-PROOF.—Messrs. Johnsen & Jörgensen, of Botolph House, Eastcheap, have received a letter from their agent in Calcutta describing the earthquake in that city on June 12, which he says was the most serious earthquake ever known in Calcutta. Fortunately, very few lives were lost, but the damage to property was enormous. The most extraordinary occurrence in connection with the disaster, adds the writer, was that although the outer wall of the room (2 feet 6 inches thick) was cracked, not a single bottle of all the hundreds in the show of samples was thrown down from the narrow shelves.

MESSRS. BARNETT & FOSTER, of Eagle Wharf Road, N., have this year entirely rewritten their most useful book of instructions for erecting and working aërated-water machinery, and have had it newly illustrated. The details of the machinery necessary, and the special instructions concerning every stage of the manufacture, are expounded with clearness and thoroughness, and to each section a full list of extras and the cost of these is appended. The book is not sold, but is "published for private circulation only." That means, we suppose, is given to the customers of the firm. Certainly any chemist thinking of embarking in the business, and many of those already in it, will find a careful perusal of this treatise very valuable.

MESSRS. BURGOYNE, BURBIDGES & CO., of Coleman Street, E.C., have just issued a useful handbook, entitled "Notes on the Manufacture of Aërated Waters, Cordials, &c.," containing much valuable information, based upon the firm's long practical experience in this branch of manufacture. The book contains several tables for quick reckoning, such as the approximate quantity of sugar per gallon of syrup at various degrees Twaddell, the specific gravity corresponding to degrees Twaddell and Beaumé, &c. Then follow notes on the various materials used in the aërated-beverage manufacture, and some fifty pages of formulæ for aërated drinks, cordials (alcoholic and non-alcoholic), ice-creams, fruit-syrups, and plain syrups. A copy of the pamphlet may be obtained by those interested in the trade upon application to the firm.

LEMON-CULTURE is extending very rapidly in California. This year what is said to be the largest lemon-grove in the world has been planted near Colton, in San Bernardino County. It comprises 9,000 trees on 100 acres.

MAX NORDAU IN THE CONCRETE.—Says a writer in *Popular Science News*: "I use *yellow* paper for writing articles on, also prefer it for bills and letters which are of a personal business nature, because of certain effects that *yellow* exerts. I'm a colour enthusiast! Never dun a man on blue paper! Go at him on red or yellow! Preferably yellow. Write religious matter on *white* paper!"



Notice to Retail Buyers:—It should be remembered that the quotations in this section are invariably the lowest net cash prices actually paid for large quantities in bulk. In many cases allowances have to be added before ordinary prices can be ascertained. Frequently goods must be picked and sorted to suit the demands of the retail trade, causing much labour and the accumulation of rejections, not all of which are suitable even for manufacturing purposes. Further points which should be borne in mind are that the distributor generally has to bear the bulk of the freight-charges on the goods on their way from the producer to the retailer, and that for many articles the range of quality is very wide.

42 CANNON STREET, E.C., *July* 8.

TO-DAY'S drug-auctions were extremely heavy, the total number of catalogues being nineteen, and the aggregate of the lots offered being 1,669, not counting 338 lots of vanilla. Of the drugs, 403 lots, or 24 5 per cent., sold at auction. The drug-sales proper did not begin until a quarter past twelve, and did not finish until nearly half-past four. The lateness of the closing hour and the pressure upon our space prevent us from giving so full a summary this week as is usual. There were remarkably few changes to-day. Vanilla was slightly easier, Madagascar beeswax sold lower prices. Tinnevelly senna in fair demand, but slightly lower. Jamaica honey sold well, but also at easier rates. Rhubarb is difficult to sell, but holders will not accept a decline. Cardamoms are firm, and about 2*d.* per lb. dearer. Calumba firmly held. Fine dragon's-blood still brings high prices. Buchu-leaves steady. Sarsaparilla very firm. Ipecacuanha tending higher, although no Rio was sold to-day. Prices, however, are extremely steady. In chemicals there are few alterations. Refined camphor has been reduced 1½*d.* per lb. Sulphur is dearer to-day, flowers being quoted at 6*l.* 15*s.*; roll at 6*l.* 10*s.* Tartaric acid is higher, Lawes' price having been raised to 1*s.* 2*d.* per lb. Sulphate of ammonia and benzols firmer. Anilines active. Cream of tartar slightly easier. Santonine has been reduced in price. Phenacetin is firm. Borax easier.

The Java Bark Shipments.

Our Amsterdam correspondent writes:—The June shipments of cinchona-bark from Java have been rather heavy, but the total for the half-year is about 16 per cent. below that of 1896. The following are the figures:—

	1897	1896	1895	1894	1893
June. Amst. lbs. ...	824,000	716,000	889,000	455,000	816,000
January 1–June 30. Amst. lbs. ...	3,408,000	3,976,000	3,768,000	3,743,000	4,060,000

Hamburg Telegram.

Our Hamburg correspondent telegraphs on Thursday afternoon that *Menthol* is slightly firmer at 11.50m. *Camphor, refined,* 2.70m. per kilo. *Castor oil* dearer; good French 61m. per 100 kilos.

New York Cablegram.

Our New York correspondent wires on July 7 that, owing to the holiday week in New York (July 4 was Independence Day), there are very few changes to report. *Curaçoa aloes* show a firm market at 2 1/16 cct per lb. for fair quality. *Jalap* scarce, the cheap lots having been taken out of the market, and for good *Vera Cruz* 8½c. per lb. is now required. Some holders even ask 9c. *Beeswax* firmly held at 26c. to 27c. per lb. for good bleached. The reports of shortage in the crop of *Peppermint oil* are confirmed.

ACID (TARTARIC) dearer. *Lawes'* price for B.P. acid has been raised to 1*s.* 2*d.* per lb; foreign is quoted at 1*s.* 1*d.* per lb.; with little offering.

ALOES.—*Cape* aloes was represented only by 43 cases, of which 15 sold at steady prices. Good bright black, 22*s.* 6*d.*; medium quality, 21*s.* 6*d.*; ordinary, mixed with stones, 6*s.* per cwt. Of *Curacao* aloes, a large arrival of small gourds, amounting to 1,853 packages, was offered. These small gourds are not much liked, however, and it was a matter of some surprise that they sold as well as they did. 625 packages finding buyers at 32*s.* to 34*s.* per cwt., for fair brown quality; 17*s.* to 21*s.* for rather darker and partly capey at from 10*s.* to 14*s.*, for common dark quality. Of *Zanzibar* aloes 36 cases in skins, partly fair colour, soft and hard mixed, and containing some gum of very poor quality, were bought in at 90*s.* per cwt. Of *Socotrine* aloes, 55 packages from Bombay were shown; the quality was good, but the parcel is held for high prices. As the whole of this supply is practically in one hand, a bid of 77*s.* 6*d.* was refused, 80*s.* being the quotation. One cask of thick treacly of fair odour sold subject at 33*s.* per cwt.; 39 tin-lined cases of *Bombay Socotrine,* a kind of packing which has not been seen on the market for about ten years, were also offered. At the time this variety was last shown it realised about 6*l.* per cwt., but to-day no bids were made, 80*s.* being reported the lowest acceptable price.

ARAROBA.—A parcel of 7½ cwt., containing 74 per cent. of chrysazobin, is being offered for sale privately; 4*s.* per lb. is asked for it.

ASAFŒTIDA.—At auction to-day 52 cases were offered for sale. These comprise 32 cases ex *Persepolis,* which are said to form the whole of the first-hand stock in London. Very high prices are asked, and only four cases sold at an advance on the last rates. Good, partly soft, pinky block, 75*s.*; fair brown, partly loose, 70*s.*; ordinary heavy, 50*s.* per cwt. Good pale quality fit for grinding is not obtainable under 80*s.* per cwt. It is expected that prices will further advance as no new gum is likely to arrive until October. The highest figure paid up to the present is 75*s.* per cwt. There are several orders in the market for common quality, which seems to be much wanted; but buyers hesitate to pay the high rates asked for good quality. Among the lots offered for sale to-day was one which since its arrival about two years ago, when it was sold for 85*s.* per cwt., has changed hands four or five times at rates running between 60*s.* and 75*s.* per cwt. To-day it remained unsold.

BALSAMS (MEDICINAL).—*Peru balsam* remains neglected, and as it is known that there are pretty heavy supplies on the way, it is not likely that prices will improve. At auction to-day 6 cases were offered and bought in, partly without mention of price, and partly at 8*s.*, the last-named being the nominal quotation for a parcel of very thick and apparently impure balsam from Barcelona. *Tolu* balsam is very firmly held. Of 5 packages good soft quality offered to-day, 1 sold at 2*s.* 9*d.* per lb., which a broker called extremely cheap. Of *Balsam copaiba* only a few packages of ordinary thin liquid red quality were offered but not sold. Privately the market is firm at from 2*s.* to 2*s.* 2*d.* per lb. for fair to fine *Maranham.* In 1896, 4,098 lbs. of this balsam were exported *via* Panama, and 1,688*l.* worth from Barranquilla.

BELLADONNA.—The foreign leaves will be available in about a fortnight's time, but the price is not yet fixed. Fine selected old leaves offer at 65*s.*, fair herb at 48*s.* to 55*s.* per cwt. New root will not be available until September: in the meantime old root is quoted at from 45*s.* to 50*s.* per cwt.

BENZOIN.—Fine *Sumatra* gum remains scarce, and realises good prices. Common grades, however, are neglected. At auction to-day about 160 boxes of this variety were shown: good bright pale almondy seconds realised 8*l.* 17*s.* 6*d.*; medium to fair, rather false-packed, 5*l.* 15*s.* to 6*l.* 7*s.* 6*d.*; ordinary of old fracture, fair almondy centres, but dull

appearance, 42*s.* to 65*s.* per cwt. Several lots of *Palembang* and *Penang* were bought in at more or less nominal prices, and 1 case of fair, partly blocky, small to medium pale *Siam* almonds, realised 14*l.* 15*s.* per cwt. Fair second *Palembang* sold at 30*s.* per cwt.

BISMUTH.—An extremely firm market. The supplies of bismuth material from other than syndicate sources has practically come to an end, and there appears to be very little left in second-hand.

BORAX.—The borax-market is neglected, and in some quarters prices are again quoted lower. Crystals, in 5-cwt. lots, are held at 16*s.*; powder at 17*s.*; but we understand that business has been done by outside makers at 15*s.* per cwt. for crystals. *Boracic acid* offers in 5-cwt. lots at 25*s.* per cwt. for crystals, and 27*s.* for powder.

BUCHU.—At to-day's auctions only 32 bales of round leaves were offered. The demand was good, but prices showed no advance, 3*d.* being accepted for fair green round, while dull, partly stalky, quality of poor colour sold at from 2½*d.* to 2¾*d.* per lb. Altogether 23 bales were sold.

CALUMBA.—Very firmly held. The stock in London is concentrated almost in one hand, and appearances are in favour of a firm market. At to-day's auction 88 bags were offered, of which 7 sold at 55*s.* per cwt. for good bright yellow washed. For fair grey sorts bids of 25*s.* to 27*s.* per cwt. were refused.

CAMPHOR (CRUDE).—We hear that some business has been done this week at rather lower prices, a few hundred piculs *Japan* having changed hands at slightly below 95*s.* per cwt., c.i.f., for forward shipment, and 200 or 300 piculs *Formosa* for June-August shipment, at 90*s.* per cwt., c.i.f. Both these sales were made from second-hand. There is some inquiry for near-at-hand stuff at steady prices, as it is thought that some sellers are still uncovered. For the rest the article is rather neglected. Prices vary from 87*s.* 6*d.* to 92*s.* 6*d.* c.i.f. for *Formosa*, and from 97*s.* 6*d.* to 100*s.* c.i.f. for *Japan*. At auction 46 cases of good *Formosa* were limited at 100*s.*, but a bid of 92*s.* 6*d.* was to be submitted. The exports from Hong Kong during the first half of the year are said to have been very heavy.

CAMPHOR (REFINED).—On Tuesday, the English manufacturers reduced their camphor quotations by 1½*d.* per lb., the following being the present prices for one-ton lots:—Bells and flowers, 1*s.* 3½*d.*; tablets, 4 to 16 oz., 1*s.* 4½*d.*; 1 to 2 oz., 1*s.* 6*d.*; ½ oz., 1*s.* 6½*d.*; ⅓ and ¼ oz., 1*s.* 7*d.* per lb. For half-ton lots the quotations are ½*d.* and for smaller wholesale quantities 1*d.* above those quoted. The reduction was announced simultaneously by three of the English refiners; the fourth has been selling at these figures for several weeks in competition with the German refiners. One of the German manufacturers has sent out a revised quotation, making his price for bells equal to those of the English, but reducing his tablet quotations below the English price as follows:—Tablets in one-ton lots, 4, 8, or 16 oz., 1*s.* 3½*d.*; 2 oz., 1*s.* 4½*d.*; 1 oz., 1*s.* 5*d.*; ½ oz., 1*s.* 6*d.*; ⅓ oz., 1*s.* 6½*d.*; ¼ oz., 1*s.* 7*d.* per lb. For lots of 10 cwt. ½*d.* more, and for 5-cwt. lots 1*d.* per lb. more all round. These quotations apply for delivery up to the end of August.

CANNABIS INDICA fairly steady, good green tops have lately been sold privately at 4*d.* per lb. At auction to-day 3½*d.* per lb. was mentioned as the limit for 85 bales fair green tops. Ten bales siftings sold without reserve at 1*d.* per lb.

CARDAMOMS.—The fairly heavy supply of 233 cases offered to-day met with a good demand, 177 packages finding buyers at somewhat irregular prices. At first a slight decline, compared with the last auctions, was accepted, but subsequently better prices were paid, and the market closed at an advance of about 2*d.* per lb. on medium qualities. The following were the quotations:—*Ceylon-Malabar*, medium fair greyish, 2*s.* 10*d.* *Ceylon-Mysore*, medium to bold soft pale full, 3*s.* 7*d.*; medium ditto, 3*s.* 3*d.* to 3*s.* 5*d.*; medium to bold good pale long and round mixed, 2*s.* 11*d.* to 3*s.*; fine small pale, 3*s.*; yellow medium to bold, 2*s.* 10*d.* to 2*s.* 11*d.*; small medium pale, 2*s.* 7*d.* to 2*s.* 9*d.*; very small pale, 2*s.* 6*d.* to 2*s.* 7*d.*; small to medium long pale, 2*s.* 4*d.* to 2*s.* 5*d.*; very small palish round, 2*s.* 2*d.* to 2*s.* 6*d.*; brown, partly split and specky pickings, 1*s.* 11*d.* to 2*s.* 2*d.* per lb.; ordinary brown pickings, 1*s.* 8*d.* per lb. *Seed* realised from 2*s.* 9*d.* for ordinary to 2*s.* 11*d.* for good brown quality.

CASCARA SAGRADA is again easier. Of 84 packages fair pale thick silvery mixed quality, 9 sold without reserve at 13*s.* 6*d.* per cwt. The remainder was bought in at 14*s.* 6*d.*

CEVADILLA.—The total export of cevadilla-seed from La Guaira (Venezuela) in 1896 was 44 tons, of which 38 tons went to Germany and the remainder to France.

CHAMOMILES.—The *Hungarian* crop, which looked very well until recently, has been much damaged by rain during the harvest, and the drying of the flowers has been seriously interfered with, consequently the appearance of the new drug leaves much to be desired. *Belgian* chamomiles of the old crop are tending lower.

CHLOROFORM shows a steady market, at 4*s.* to 4*s.* 6*d.* per lb., according to quality and brand.

CINCHONA.—The principal parcel offered at to-day's sales consisted of 127 serons of spurious *Loxa* bark from Payta; 86 serons sold at auction at from 6¼*d.* for fair medium partly dull damaged quill, down to 2*d.* for very common damaged split quill Fair medium, partly broken sound *Loxa* quill brought 8*d.* per lb. Nearly the whole of the lots bought in at auction have since been sold at steady prices, on the basis of 7*d.* for fair quill. The other parcels of cinchona-bark offered at auction were of no importance.

COCOA-BUTTER sold at auction on Tuesday at a decline of ½*d.* per lb.; 350 2-cwt. cases of *Cadbury's* realised 11*d.* to 11½*d.* per lb.; and 5 cases ditto, in 3-oz. tablets, 12*d.* per lb.

CREAM OF TARTAR.—Rather easier. Best white *French* crystals may now be had at 76*s.*; powder at 78*s.* to 80*s.* per cwt.

DIGITALIS.—*English* grown leaves are quoted at 1*s.* 4*d.* to 1*s.* 6*d.* per lb. *German* leaves of the new crop offer at 30*s* to 31*s.* 6*d.* per cwt., c.i.f. terms, to be delivered in about a fortnight.

DRAGONS' BLOOD.—Fine qualities are well maintained in price. One case of good fiery mixed lump imported *via* Hamburg sold at 13*s.* per cwt., the same price paid for similar quality at the last auctions. For good seedy, partly fiery mixed lump, partly dark, the limit is now 10*l.* Six weeks ago this quality realised 11*l.* at auction: for fair to ordinary seedy dull lump and blocky mixed, the quotations run from 7*l.* to 5*l.* 10*s.* Five cases in reed, well packed, but of very inferior quality, are limited at 8*l.* 15*s.* per cwt.

ERGOT OF RYE.—Without much animation. Several parcels of *Spanish* ergot were bought in, the limit for fair sifted, but rather wormy, being 6*d.* per lb., while a lot of good bold was bought in at 10*d.* per lb. Of 96 bags *Russian* ergot 10 sold at 5½*d.* for fair small quality, which is a fairly good price.

GAMBOGE quite neglected and in large supply. Of 65 cases shown to-day, only one of ordinary dark pickings sold cheaply at 6*l.* per cwt. Fair, partly blocky, *Saigon* gum, partly of good red colour and partly ricy, was bought in at 8*l.* 15*s.*; good bright *Saigon* and *Siam* mixed pipe at 9*l.*; and ordinary broken pipe, partly of poor colour, at 6*l.* 10*s.* to 6*l.* 15*s.* per cwt. There is some gamboge of good bright quality in the warehouse, but none was offered at auction to-day, because buyers are not willing to pay the price for this kind, which is over 9*l.* per cwt.

GENTIAN.—The new crop is now on the way, and it is likely that prices will show a slight decline. Several parcels have been sold, to arrive, at 27*s.* per cwt., London terms, for fair quality; and to-day's quotation is 23*s.*, f.o.b. Bordeaux. For 5 bales fair, sold at auction to-day, the limit is said to be 35*s.* per cwt., while 5 bales of cut root were bought in at 40*s.* per cwt.

GUM ACACIA.—All kinds are neglected, and the prices asked for *Soudan* sorts seem to be quite nominal. Several lots were shown at auction to-day, and were bought in at from 80*s.* to 100*s.* per cwt. for pale, partly soft quality. Fair, dusty, red, mixed *Mogadore Amrad* was bought in at 36*s.* per cwt.; and good to fine pale *Trieste* picked at from 10*l.* 10*s.* to 16*l.* per cwt. Of *Australian* gum 26 bags were shown and bought in: good bold, partly woody, mixed drop, at 45*s.*; dark red and glassy, at 35*s.* to 39*s.* per cwt.

GUM AMMONIACUM.—Ten cases offered at auction to-day were all bought in; 65*s.* per cwt. is the limit for good loose, partly pale, partly blocky almonds. A more ordinary lot was bought in at 50*s.*; and ordinary seedy and stony mixed at 35*s.* per cwt.

HENBANE.—Foreign herb of fair quality offers at 28*s.* to 38*s.* per cwt. For *English* biennial-leaves 6*s.* to 6*s.* 6*d.* per lb. is asked, but new foreign leaves of the first year's growth offer at 32*s.* to 33*s.* per cwt., c.i.f. terms.

HONEY.—All varieties were rather plentiful to-day and prices are generally tending easier. The demand for *Jamaica* honey was fairly well maintained, however, and of 160 packages, 76 sold at a decline of 1*s.* to 2*s.* per cwt.; good pale thick candied, at 26*s.* to 27*s.* 6*d.*; dull ditto, at 24*s.* 6*d.*; and ordinary common, at 19*s.* per cwt. For dull to fine bright amber liquid the price to-day ranged from 17*s.* up to 30*s.* per cwt. Of *South Australian* honey 10 cases were offered and bought in, at 36*s.* per cwt. One hundred cases candied yellow New Zealand clover honey were bought in, and five cases thick brownish *Queensland* taken out without mention of price. Thirty-seven cases good pale thick *Italian* honey from Leghorn were bought in at 35*s.* per cwt.

INSECT-FLOWERS.—The new crop is now all brought into the Trieste market, but it will be sometime yet before the flowers are sufficiently dry to be exported. Prices have lately been reduced considerably, and fair to good new closed flowers are now offered on the basis of 135*s.* to 145*s.* per cwt., delivered in London.

IPECACUANHA.—The Rio and River Plate Steamers that arrived this week have not brought a single bale of Brazilian root. The exports of ipecacuanha from Panama in 1896 are officially declared at 26.594 lbs. They were only valued at 1*s.* 10*d.* per lb., so that presumably there is an export duty on the drug. From Colon 1,864 lbs. were exported. From Barranquilla the exports were 398*l.* worth. At auction to-day 35 bales of *Brazilian* (*Rio*) root were offered for sale, but not a single package changed hands. The holders are extremely firm in their views, 8*s.* 6*d.* per lb. being asked for fine English picked root (which seems rather an exaggerated figure); while fair to good natural root was bought in at 6*s.* 6*d.* to 6*s.* 10*d.* per lb. Of *Colombian* (*Cartagena*) root, 23 bags were offered, of which 4 (water and country damaged) sold at from 4*s.* 2*d.*, rising to 4*s.* 5*d.* per lb.

JALAP.—Is described as rather firmer; at auction to-day 12 bales of good heavy *Vera Cruz* were offered but reported sold privately. We believe that about 5*d.* has been accepted for them, but it is doubtful if similar quality can still be had at that figure.

MENTHOL is rather firmer for shipment, 6*s.* per lb., c.i.f. terms, being the current quotation. At auction 7 cases of good quality were bought in at 6*s.*, and one 7-lb. tin sold at 5*s.* 2*d.* per lb. The last-named price, however, is hardly a fair market quotation.

MUSK shows no alteration. Of grain musk, 1 bottle, containing 10½ oz. of poor aroma, sold at 40*s.* per oz. Of *Tonquin* pods of first pile, 7 caddies were offered to-day and bought in, 70*s.* per oz. being the limit for medium to bold thin grey skin, well trimmed, fairly dry; and 60*s.* per oz. for old-fashioned, dry, well-trimmed, grey pods, very skinny. Of third-pile pods, 11 packages were shown; partly broken medium to bold grey seconds, well trimmed round pods, were bought in at 50*s.*; thin blue skin, rather damp, partly broken and dull, at 47*s.* per oz.; and half wet, well trimmed, bold to dark pods, at 30*s.* per oz. Empty musk skins were bought in at 3*s.* 6*d.* per oz., a bid of 2*s.* 9*d.* being rejected; white trimmings sold at 3*d.* per oz.

MYRRH remains dull of sale, though prices show no alteration. About 53 packages were offered to-day and bought in; fair pale picked at 85*s.* per cwt.; dark picked, at 70*s.*; very dusty sorts, at 55*s.* per cwt. For the last-named parcel a bid of 50*s.* was refused. Siftings were bought in at 40*s.*, and good to common pickings at from 30*s.* down to 16*s.*

NUX VOMICA.—Selling fairly well at low prices. Of 127 bags shown to-day, 85 found buyers at from 4*s.* to 5*s.* per cwt. for ordinary dark Bombay and Madras. *Ceylon* seed was bought in at 9*s.* 6*d.* per cwt.

OIL (CASTOR).—Very firmly held and advancing. At auction to-day 80 cases good East Indian were bought in at 4¼*d.* per lb.

OIL (COD-LIVER).—The London market is very quiet and quotations are more or less nominal. In Bergen hardly any business is taking place, and there are sellers at 63*s.* per barrel f.o.b. for best non-congealing Lofoten oil. The exports from Bergen up to July 3 amounted to 4,043 barrels, against 2,407 barrels at the corresponding date of 1896. At auction 10 cases *Norwegian* from Aalesund, MD brand, were limited at 60*s.* per barrel. Twelve cases of *Japanese* cod-liver oil in tins, imported *viâ* Hamburg, were also to have been offered, but at the last moment they were taken out. This is the oil to which we recently referred in a market-heading.

OILS (ESSENTIAL).—*Star anise* is steady, at 6*s.* 9*d.* per lb. on the spot. For 5 cases unworked oil at auction 6*s.* 5*d.* per lb. was bid, and may possibly be accepted. Five cases American *cedarwood oil* were bought in to-day at 1*s.* 1*d.* per lb. For 17 cases dementholised Japanese *peppermint oil* 2*s.* 9*d.* per lb. is the limit, but one tin sold at 2*s.* 1*d.* per lb. Bombay *rose oil* is held for 4*d.* per oz. For 3 cases distilled West Indian *oil of limes* 5*s.* per lb. is said to be the price, but there was no bid at 4*s.* 9*d.* per lb. to-day. Ten cases of *cinnamon oil* were bought in, fair quality at 2*s.* per oz., very common at 6*d.* ("leaf" oil at 5*d.*) per oz. Of E.I. *sandalwood* oil 7 packages were shown. Common dark brown Bombay oil was bought in at 4½*d.* per oz.; Mangalore oil at the same price. *Eucalyptus oil* is in good supply. Sixty cases from Melbourne, fair yellow colour and aroma are limited at 10*d.* per lb.; almost colourless oil from Sydney was bought in at 1*s.* 2*d.* per lb. Eleven cases good Portuguese *Globulus* oil were bought in at 2*s.* 3*d.* per lb. For D. & O. *Peppermint* oil 5*s.* 6*d.* per lb. is the limit. HGH is quoted at 6*s.* 7½*d.* per lb. New crop *Neroly* oil offers at 7*s.* 3*d.* per oz.; finest *Petale* is quoted at 8*s.* per oz. Ten cases of *Cassia* oil, 82 per cent., were bought in to-day at 6*s.* 6*d.* per lb., and four cases of *Fisher's Patchouli oil* at 1*s.* 2*d.* per oz. There is nothing further to report about the otto of *rose* crop. The English peppermint-oil crop is looking very well, and if the weather remains favourable it is not likely that distilling will commence until the second week in August. The lavender crop also promises well.

OPIUM.—*Soft shipping* varieties are dull of sale, at 11*s.* 9*d.* to 13*s.* 6*d.* per lb. for good to fine, and from 8*s.* 6*d.* to 10*s.* 6*d.* per lb. for ordinary to fair seconds. Fair *Persian* opium has lately been sold at 10*s.* per lb., which is easier. Fine is held at 10*s.* 6*d.* to 10*s.* 9*d.* per lb., common at 8*s.* to 9*s.* per lb.

ORRIS-ROOT is still tending lower both for *Florentine* and *Veronese* descriptions. The current quotations are as follows:—*Florentine*, good to best selected, 47*s.* to 50*s.*; sorts, 43*s.* to 45*s.*; shavings and chips, 42*s.* to 43*s.* per cwt., c.i.f. *Verona* picked, 40*s.* to 43*s.* 6*d.*; sorts, 27*s.* 6*d.* to 32*s.* 6*d.* per cwt., c.i.f. The crop this year is likely to be unusually heavy. At to-day's auctions 11 bags good pale *Florentine* were bought in nominally at 67*s.* 6*d.*, and 30 cases of brown *Aden* root from Bombay were bought in without mention of price.

PAPAW JUICE.—One case of dried Papaw juice from Colombo realised 5*s.* per lb. to-day, subject to approval.

PHENACETIN.—There is an impression that prices of this much neglected article may shortly be raised. Business has lately been done as low as 3*s.* 10*d.* to 3*s.* 11*d.* per oz., but makers now seem inclined to ask a little more, and it is said that a big order, limited to a very low figure, has been refused by all the manufacturers within the past few days.

PODOPHYLLIN.—Two tins (7 lbs. each) of green podophyllin-resin sold to-day, without reserve, at 4*s.* per lb.

QUININE is quite neglected, and presents no new features. One case of 1.000 oz. of *Taillandier's* was shown to-day. The price is 8¾*d.* per oz., a bid of 8½*d.* being rejected.

RHUBARB.—There have been several arrivals of new-crop rhubarb lately (18 cases came from Havre by the *Condor* this week), and at auction to-day no fewer than 180 cases were put up for sale. Holders are generally very firm, but the increase in our stock has frightened the buyers, who are always very chary about operating in this article, and, as a

consequence, prices are barely maintained. It is still persistently said that the crop of Canton root is not only exceptionally small, but also unusually late this year, and that there is nothing to be had in China at the prices that are current in London. Only 24 cases sold to-day, at the following rates:—*Shensi*: Round, medium to bold, good coat, and fracture half bright pinky half fair fracture, 2*s.* 2*d.*; medium round, very good fracture, 1*s.* 10*d.*; flat, medium to bold, fair coat, wormy, half pinky half dark fracture, 11½*d.* per lb. Good new root of fair coat and fracture was bought in at 3*s.* per lb. *Canton*: Bold, flat, good coat, even pinky-grey fracture, 1*s.* 8*d.*; medium to bold flat, fair grey fracture, 1*s.* 8*d.*; fair round trimming root, 1*s.* 8*d.*; medium to bold round, good yellow coat, even grey fracture. 1*s.* 7*d.*; trimming root, round, partly darkish fracture, 1*s.* 6*d.* per lb.; flat, medium to bold, good coat, pink and brown fracture, 1*s.* 6*d.* per lb. *High-dried*: Round, good pale coat, slightly wormy, two-thirds pinky-grey, one-third brownish fracture, 1*s.* 1*d.*; flat, medium wormy, little colour, 9*d.* per lb.

Saffron is very firm, but there are no alterations to report in the price.

Santonin.—On June 1 the manufacturers of Santonin reduced their quotations by 5*d.* per lb., the following being the old and the revised scale of charges for crystals:—

	Old price		Present price	
	s.	*d.*	*s.*	*d.*
Small quantities, per lb. ...	5	9	5	4
28-lb. lots, per lb.	5	6½	5	1½
56-lb. lots, per lb.	5	4	4	11

with a small discount allowance for quantities of from 1 to 3 original cases. Santonin powder is quoted 6*d.* per lb. above the price of crystals.

Sarsaparilla.—The largest arrival of *Grey Jamaican* root which has been received in London for some considerable time (72 bales) was partly offered for sale to-day. In spite of this improved supply the holders showed great firmness, and prices were well maintained, 38 bales selling at 1*s.* 11*d.* to 2*s.* 1*d.* per lb. for more or less damaged quality. Of *Native red Jamaica* root 17 bales were mostly bought in; 3 bales of fair, but damaged, root sold at 11*d.* to 1*s.* per lb. A parcel of chumpy *Mexican* root was bought in at 3½*d.* per lb., a bid of 2*d.* per lb. being refused. Of 34 bales *Lima-Jamaica*, 13 sold at 1*s.* 4*d.* per lb. for sound, and from 1*s.* 1*d.* to 1*s.* 3*d.* for damaged, quality. Several lots of *Honduras* root were bought in at 1*s.* 1*d.* to 1*s.* 2*d.* per lb.

Scammony.—At auction to-day about 112 bags of scammony-root were bought in. One broker has considerably advanced his price, because he believes that restrictions will again be placed upon importation; but the other one still offers at reasonable rates. He asks 35*s.* for fair quality, but could not obtain a bid at auction to-day. Of *Turkish scammony-resin*, 13 cases were bought in, at from 16*s.* up to 30*s.* per cwt., according to quality.

Seeds (Various).—*Annatto seed* shows no alteration. Fair bright *Madras* was bought in to-day at 4*d.* per lb. Of *Anise* there was a fairly large supply; for medium seed from Marseilles 15*s.* per cwt. is asked, and it is said that sales are being effected privately at that figure. Ninety bags *East Indian fennel seed* were bought in at from 11*s.* to 12*s.* per cwt., and for 67 bags of fair *Cumin seed* 22*s.* is the limit. One robbin of *Croton seed* from Cochin was shown and bought in at 75*s.* No bids were made for it. Of *Musk seed* 12 packages were shown: 2 of these were bought in at 1*s.*, and of the remainder, showing fair *West Indian* seed, one bag sold at the rather high price of 10½*d* per lb. Of *Kombe strophanthus* seed, 3 bags of fair green sold at 3*s.* 3*d.*, and 3 packages *Quince-seed* from the Cape found ready buyers at 11½*d* for slightly mouldy to 1*s.* per lb. for good sound. Of *Star-anise* 15 cases genuine *Chinese* were shown and bought in at 90*s.* per cwt., but there were no bids.

Senna.—*Alexandrian* senna is in very large supply, about 150 packages of this variety being shown to-day. No sales were effected. Good picked leaf is held at 10*d.* to 12*d.*, siftings at 3½*d.*, and good bright pods 7*d.* to 8*d.* per lb. *Tinnevelly* senna, of which 245 packages, mostly in second-hand, were offered, was fairly well inquired for, and the bulk was sold, although prices were slightly easier. Common black and dull leaves realised ½*d.* to 1*d.*; ordinary small yellowish and dull, 1¼*d.* to 1¾*d.*; fair medium greenish, 2*d.* to 2½*d.*; and good greenish, 3¼*d.* to 3½*d.* per lb.

Shellac.—A quiet market without much business of importance. No sales have been held in London this week. For arrival rather higher prices are quoted in consequence of greater firmness in the Calcutta market. Second *Orange*, October-December steamer, was held at 55*s.* (at which some business is said to have taken place) in the early part of the week. Since then the cable quotation has been increased to 60*s.*, while for July-September steamer 59*s.*, c.i.f., is required. The speculative market is rather easier, with small sales for August delivery at 59*s.* 6*d.*, and September at 60*s.* per cwt., TN second *Orange* basis. There has been a sale of 100 cases TN October-December at 56*s.* per cwt. for the Continent.

Spices.—At the end of last week a good demand set in for Zanzibar *Cloves*, and prices closed dearer, especially for October-December delivery, in which business was done up to 2¾*d.* per lb. As the week proceeded, however, cloves again became slow of sale, and October-December delivery is offering now at 2 11/32*d.* At auction only 80 bales of fair quality were offered, and bought in at 2 3/16*d.* per lb., fine picked Penang cloves being bought in at 9*d.* per lb. *Nutmegs*: Medium qualities of Penang nutmegs are in demand, at an advance of about ½*d.* per lb. West Indian also sold well at steady rates. *Mace* remains quiet, but steady. *Tamarinds* are very slow of sale, fair Montserrat being bought in at 9*s.* per lb. *Jamaica ginger* in slow request, and mostly bought in at auction, only 21 barrels of low medium lean to medium washed selling at 77*s.* 6*d.* to 82*s.* per cwt. *Cochin ginger* is flat, rough kinds being all bought in; common limed small to good brown rough at 27*s.* to 33*s.*, fine bright washed 32*s.* per cwt. Fine medium to bold bright cut washed, 38*s.* to 41*s.*; bold dull limed rough cut, 36*s.* to 38*s.* *Pimento* is dull, but unchanged, with some small sales at auction at 2½*d.* to 2⅝*d.* for fair to good green. Of *Japan capsicums*, 17 bales sold, without reserve, at 12*s.* 6*d.* to 14*s.* for small to medium with long stalk, and 4 bales ordinary Natal realised 26*l.* per cwt. *Zanzibar chillies* flat; fine bright *Japan* sold at auction at 47*s.* per cwt. *Black pepper* slow of sale at unaltered prices. Fair Penang, 2½*d.*; fair small Lampong, 2 3/16*d.* per lb. For *White pepper* the demand at auction was very small, only 36 bags fine bright Singapore selling at 5½*d.* per lb. Privately Penang pepper for arrival is in better demand at rather steadier prices, closing buyers at 4⅜*d.* for August-October steamer shipment.

Sugar of Milk has been reduced in price by some of the makers. Best *German* powder now offers at 65*s.* per cwt.

Turmeric.—The market is quiet, but rather steady, with sales of fair *Coconada* finger at 16*s.*, *Bengal* at 10*s.*, and split *Cochin* bulbs at 7*s.* 6*d.* per cwt. For *Madras* finger from 15*s.* to 20*s.* is asked, according to quality.

Vanilla.—A large supply was offered at auction to-day, and met a fair demand at somewhat lower prices, the bulk selling at a decline of 1*s.* to 2*s.* per lb. *Mauritius* and *Seychelles*, fine crystalised, 7 inches to 9 inches, 27*s.* to 29*s.* 6*d.*; good to fine, 5 inches to 7 inches, 20*s.* to 27*s.*; ordinary foxy, various lengths, from 6*s.* 6*d.* to 12*s.* 6*d.* per lb.

Various Drugs.—*Ambergris* slow of sale, and tending easier; at auction 4 tins were bought in, fair dark, of good aroma, very heavy, at 60*s.*; black, of poor odour, at 50*s.* per oz. A parcel of 40 tins of East Indian *Annatto paste* was shown, and sold at the high figure of 1*s.* 9*d.* per lb. *Japanese antimony* less firm, 50 cases crude at auction being bought in at 20*l.* per ton. *Civet* is slow of sale; at auction to-day 2 horns of medium quality were bought in at 18*s.* 6*d.* per oz. One horn has been received this week from Aden by the *Coromandel*. *Canella alba*: 4 bales offered to-day were all bought in at 25*s.* for small and rather dull pale mixed. *Colocynth* remains in large supply, both as regards Turkish and Spanish fruit. Of the former about 36 packages were bought in to-day, 1*s.* 6*d.* per lb. being the nominal limit for good bold pale quality, and of the latter about 20 cases were also bought in, good pale pulp at 4*s.* 3*d.* per lb. Of *Coca-leaves* only 20 bales of fair but broken

Truxillo quality were shown and bought in at 7*d.* per lb. *Chiretta* remains cheap; 5 bales, fair bundles, sold to-day at 2*d.* per lb. *Cascarilla*: 74 packages were offered and all bought in at 45*s.* per lb. for good broken quill, and 22*s.* to 32*s.* 6*d.* for ordinary siftings, medium quality. Of *Cassia fistula* 52 packages were offered, 10 bags good new *West Indian* pods from Dominica were bought in, a bid of 10*s.* per cwt. being refused. Fair but lean *East Indian* was bought in at 8*s.* 6*d.* per cwt. *Chinese cantharides* for 1*s.* 2*d.* per lb. At auction none were offered. Thirty bags *Euphorbia pilulifera* were bought in to-day at 6*d.* per lb. Of *Condurango* 218 packages were offered to-day. The whole parcel was damaged, and was bought in at 3½*d.* per lb., a bid of 2*d.* being refused. *Cuttlefish-bone* remains fairly steady; 83 mats, small to bold, good pale quality, from Bombay, were shown to-day, and are held at 3½*d.* per lb. *Galangal* is offering more freely, but there are few buyers. The value is nominally 18*s.* to 20*s.* per cwt. At auction to-day 40 bales were shown; they are limited to 23*s.* for medium, and 24*s.* for good quality. Of *Guarana* 3 cases were shown to-day; the price for these is 1*s.* 10*d.* per lb. Of 7 cases of *Gum elemi*, 3 sold cheaply at 22*s.* per cwt. for good pale Manila of good aroma. Of *Gum guaiacum* 10 cases ordinary earthy block, imported from Amsterdam, sold without reserve at 2½*d.* per lb. to-day. Twenty packages *Galbanum* were bought in; fair, partly blocky, drop at 9*d.*; woody and dark mixed at 6*d.* per lb. Of *Gum sandarach*, 16 bags Australian from Sydney were bought in at 57*s.* 6*d.*; and 7 casks from Mogadore at 65*s.* per cwt. *St. Ignatius beans* were in pretty large supply to-day, but no business was effected. Of 37 bags from Singapore, a portion, showing good quality, is limited at 4½*d.* per lb. *Kino*: Quiet. Good genuine *Cochin* kino is worth about 12*s.* per lb. Three cases good bright East African kino were bought in to-day at 5*s.* per lb. There is now practically no sale for this variety. Of *Kola* nuts, about 70 bags were shown. The demand is fairly good, and about one-half found buyers, at 3½*d.* per lb. for fair West African, 5½*d.* per lb. for good, and 3*d.* per lb. for dull and mouldy West Indian. Three bags Japanese *Loofahs* were offered to-day, and bought in, although partly catalogued without reserve. The loofahs were from 15 to 20 inches long. Of New Zealand *Lime-juice*, 162 casks, of dark colour and much mixed with sediment, were bought in at 1*s.* 2*d.* per gallon; 6 packages of fair quality, described as "Montserrat," were bought in at 1*s.* 5*d.* per gallon. Five bags decorticated liquorice-root, cut in small pieces, are held for 45*s.* per cwt. The owner refused a bid of 30*s.* per cwt. *Gum mastich* is said to be firmly held for new crop—at 1*s.* 6*d.* to 1*s.* 8*d.* per lb. for yellow to fair pale. Four cases Singapore *Nutmeg-paste* were bought in to-day at 3½*d.* per lb. *Chinese soy* quiet, with little business, at 11½*d.* to 1*s.* per gallon. At auction 10 packages sold cheaply, however, at 11*d.* per gallon. *Tonquin beans* neglected. At auction 6 cases of fair *Para* were bought in at 1*s.* 6*d.* per lb.

WAX (BEES').—At to-day's auctions there was a heavy supply of beeswax, of which a fair proportion sold. Of *Madagascar* about 900 packages were offered, of which about 100 found buyers at from 5*l.* 12*s.* 6*d.* to 5*s.* 17*s.* 6*d.* for ordinary wormy to fair grey, and from 6*l.* to 6*l.* 5*s.* for medium to good bright yellow. This shows a decline of fully 5*s.* per cwt. *Jamaica* wax was also in fair supply, about 73 packages being shown, the whole of which sold at irregular prices, the first parcels being about 2*s.* 6*d.* lower, while afterwards steady rates were obtained, namely, 7*l.* 15*s.* to 8*l.* for dark and red, mixed to medium, and from 8*l.* 2*s.* 6*d.* to 8*l.* 7*s.* 6*d.* for good to fine bright yellow. For 41 bags fair orange *Italian* wax the limit is 7*l.* Of *Australian* wax several parcels were shown, but only a few sold, at 7*l.* per cwt. for good mixed colours. Three cases rather dark *Assam* wax were bought in at 5*l.* 15*s.*, and three parcels dark beeswax from *Cape Colony* realised 5*l.* 10*s.* per cwt. Nine cases fair orange *Aden* wax were bought in at 6*l.*, a bid of 5*l.* 12*s.* 6*d.* being rejected. *Zanzibar* wax realised from 5*l.* 17*s.* 6*d.* to 6*l.* 2*s.* 6*d.* for medium to fair yellow. Fifteen cases brown *Chinese* wax found no buyers at 5*l.* 15*s.*, and two packages good *Mozambique* realised 6*l.* 7*s.* 6*d.* Bleached *East Indian* was in large supply, but only commoner lots were sold, 20 packages, damaged by plumbago, selling, without reserve, at 4*l.* 7*s.* 6*d.* to 4*l.* 12*s.* 6*d.* (one common lot at 62*s.* 6*d.*), and dark adulterated realising 5*l.* 2*s.* 6*d.* per cwt. The Bombay kinds are neglected, white being nominally quoted at from 5*l.* 10*s.* to 8*l.*, yellow at from 4*l.* 15*s.* to 5*s.* 5*s.* per cwt.

WAX (CARNAUBA).—In London the market is dull. In Liverpool there has been an improved business, but at lower prices, resulting in sales of about 200 bags of grey wax at 37*s.* 6*d.* to 39*s.* per cwt.

WAX (JAPAN).—Again lower. Sales have been made on the spot at 47*s.* 6*d.* per cwt., but since then holders have reduced their quotation to 42*s.* 6*d.* spot, which shows a fresh advance in price. For early arrival there are c.i.f. buyers at 37*s.* 6*d.*, and for July-August business is reported at 35*s.* per cwt., c.i.f. terms.

The Liverpool Drug-market.

Our Liverpool correspondent, writing on July 7, says that there is a somewhat better tone in all directions. The most important movement of the week has been in connection with *Castor oil*, which has experienced a sharp advance, good seconds Calcutta selling at 3⅛*d.* per lb., with sales to arrive at rising rates, while first-pressure French has got into very narrow compass indeed on the spot, and sales has been effected in quantity at 3⅛*d.*, and now holders are asking 3 3/16*d.* per lb. in limited quantities. Madras good seconds are offered at 3¾*d.* per lb.; second-pressure French is wanting at 2⅞*d.* per lb. *Canary-seed* is steadier, and, though prices are not quotably changed, holders and importers show less disposition to meet the views of buyers. *African ginger* is still languid, and sales of good sound Sierra Leone are being made at 17*s.* per cwt. Thirty cases of Chilian *Spermaceti* were offered at auction, and the only bid elicited was 1*s.* 0½*d.* but the lot was withdrawn at 1*s.* 4*d.* per lb., at which the owners are firm. A recent arrival of 4 barrels of Maranham *Balsam copaiba* was offered at auction, and owners declined the bid of 1*s.* 10*d.*, and the parcel was afterwards sold on private terms. The progress with *Soudan sorts* of *Acacia gum* is still rather small, but holders are very steady, the supply being by no means large, and 65*s.* is asked for medium hard gum.

The Hamburg Drug-market.

Our Hamburg correspondent writes, under date of July 6:—"Business continues to be very quiet, and the drug-trade makes no exception to the rule. *Japanese isinglass* (Agar-Agar) is firm at 270m. per 100 kilos. *Antimony* steady, at 38½m. to 39m. per 100 kilos. *Citric acid* steady, at 249m. per 100 kilos. *Tartaric acid* unchanged, at 230m. to 235m. per 100 kilos. *Balsam copaiba* shows but little business, at 4m. per kilo. *Balsam Peru*, 15m. per kilo. *Balsam tolu*, 4¾m. per kilo. *Borax* is very quiet, at 32m. to 30½m. per 100 kilos. *Cassia lignea* is unchanged—new crop is held for 70m. to 72m. per 100 kilos.; old crop is firm and scarce. *Camphor* (*refined*) is a shade firmer—spot is quoted 270m. per 100 kilos., August delivery 260m. *Coriander-seed* is quiet, at 15½m. per 100 kilos., Mogadore. *Cumin-seed* (*Malta*) quiet, at 38m. per 100 kilos. *Anise* (*Russian*) steady, at 30m. per 100 kilos. *Ergot of rye* remains quiet, at 95m. to 98m. per 100 kilos. *Coca-leaves* (Bolivian) are quoted 140m. per 100 kilos. *Gentian-root*, for spot delivery, offers at 55m. per 100 kilos. *Galangal*, at 44m. to 45m. per 100 kilos. *Honey* is quiet, Chilian, Pile III., at 42m. per 100 kilos. *Menthol* is dull, at 12½m. per kilo. *Quillaia bark* shows a strong market at 33m. per 100 kilos. *Castor oil* is very firm, French castor oil of first pressing is scarce and held at 60m. to 61m. per 100 kilos. *Cod-liver oil* is still quiet; non-congealing oil is quoted 69m. to 70m. per barrel. White sweet Newfoundland *Seal oil*, at 43m. to 49m. per 100 kilos. in barrels. Essential oils are little changed: *Lemon-grass oil* is steady. *Cinnamon-leaf oil* firm. *Cassia oil* quiet. *Peppermint oil* (HGH) unchanged, at 6½m. per lb. Spirits of *Turpentine* are quiet, at 43m. per 100 kilos. *Spermaceti* quiet, at 292½m. per 100 kilos. *Wax* (*Japan*) for spot delivery is very firm, at 75m.; forward delivery, 71½m. to 72m. per 100 kilos.

The Amsterdam Market.

At the cinchona auctions, to be held in Amsterdam on July 15, 4,770 bales and 524 cases of Java cinchona, weighing altogether 473.749 kilos., will be offered. The total quinine value of the bark is 26.849 kilos., and the average content of the *Manufacturing* bark 5 93 per cent. of sulphate of quinine.

CORRESPONDENCE

Notice to Correspondents. *In writing letters for publication, correspondents should adopt a concise, but not abbreviated, style. They are requested to write on one side of the paper only. Letters, with or without a nom-de-plume, must be authenticated by the name and address of the writer. Queries should be written on separate pieces of paper, and the regulations printed under the sections to which they apply should be strictly observed.*

Irish Affairs.

SIR,—My attention has just been drawn to a mistake you have made in your announcement (Irish Supplement, page 107) that the Preliminary examination will henceforth contain elementary theoretical chemistry as a compulsory subject; this is not so, as the order provides that the subject shall not become compulsory until January 1 next.

The announcements you have made with reference to the New Irish Poisons omitted to state that they have been added to Part II. of the schedule.

Faithfully yours,
ARTHUR T. FERRALL,
Registrar.

67 Lower Mount Street,
Dublin, July 5.

The Sale of Poisons in France.

SIR,—In your article of July 3, "Poisons by Prescriptions," a juror stated that in France if anything with a semblance of poison is sold there, it must be in a poison bottle, and bear a label marked "Poison."

This is an error. What is obligatory here is not a poison bottle but a red label, such as I enclose, for all external remedies, "Medicament pour usage externe." The question of a poison-bottle was argued here many years ago, and the proposal was wisely rejected on the ground of the impossibility of preventing anyone who once had it in his possession using it for any other purpose. It was said that a special red label would, in course of time, become a distinctive mark even to those who could not read. This has proved really to be the case. I remain, yours truly,

H. H. SWANN.

12 Rue Castiglione,
Paris, July 4.

About Abortefacients and Antigestatory Appliances.

SIR,—The decision in a recent case might, it seems to me, have a profound effect on the composition and sale of emmenagogues.

Hitherto we have learned that it was a misdemeanour of a very grave character to supply a noxious drug with a view to producing abortion—that is, it was deemed sufficient to prove the intention and the presence of the drug, although it might be quite incompetent to produce the desired effect. Thus if a chemist were to supply a proprietary containing even a small dose of ergot for some menstrual irregularity, he ran the risk of prosecution. Now, it would seem, he can supply what he pleases, provided only he can get a few medical men to swear that it is not calculated to produce abortion.

Somewhat closely allied to this question is that of supplying Malthusian appliances, which is rapidly assuming alarming dimensions. One is astonished and amazed to see how London chemists display such things in their windows, under the very eyes of the public and the very noses of the police, with perfect impunity, and probably profit. So accustomed have the public become to their use that here in Dublin, where no respectable house would touch them, visitors look astonished, incredulous, and insulted when they are refused them. The evil seems to spread every day, for a continually-increasing number of commercial travellers carry them as profitable extras, and, if you should refuse to look at them, introduce them to your apprentices and assistants in your absence.

The Indecent Advertisements Act seems to have somewhat checked the dissemination of orchitological literature, and if the caterer for checked catamenia could be placed in the same category many might be induced to try the charm of chastity.

As that chief of medical reformers, Dr Rentoul, is now on the Medical Council, he might be induced to turn his attention to a matter of much more moment than the registration of midwives.

As regards the antigestatory appliances shown in chemists' windows, they seem to escape by having no printed descriptions appended to them; but surely everybody knows what they are for, and it should not be difficult to bring about a prosecution if a couple of medical men swore to their use. Yours truly,

J. C. MCWALTER, L.R.C.S.I.

19 North Street,
Dublin, July 4.

Foreign Buyers and London Terms.

SIR,—As subscribers to THE CHEMIST AND DRUGGIST might we suggest your publishing a table showing the discounts allowed for the different articles quoted usually in your trade reports?

Your quotations are a guide to the trade, but they lose much of their value to those continental subscribers not thoroughly acquainted with London terms, who consequently, in many cases, are unable to calculate if it is more to their advantage to buy in London or in any other market.

We remain, Gentlemen,
Yours faithfully,
PELLIOT & HOFMAN.

26 Rue du Roi-de-Sicile,
Paris, July 3.

[We are obliged to our correspondents for their suggestion, but we do not think it would be to the advantage of the majority of our subscribers if we adopted it. The London conditions are well known to most firms abroad who buy here, and the discounts and allowances that exist are not sufficiently important to concern any but the largest buyers. It is a mistake to suppose that there are very heavy deductions on drugs and similar goods in London. The tendency, moreover, is to do away with these small pickings. The ridiculous weight-allowances on cinchona-bark, for instance, were done away with many years ago, and those on ipecacuanha were revised in 1895. Some of the principal chemical-works only sell their goods on "net cash" terms. This, for instance, is the case with the Beckton Gas Company.—ED. *C. & D.*]

Free of Income-tax.

SIR,—Much apprehension exists as to the meaning of the words "Free of Income-tax." Dividends described as "Free of Income-tax," have been taxed just the same as dividends paid in the ordinary way. The only difference is that, in the former case, tax is charged upon and deducted from the profits before they are divided; while, in the latter case, the profits are divided first, and the tax is then deducted from each shareholder's dividend. Many persons who receive dividends, "free of income-tax," omit to claim repayment in respect of these dividends, being under the impression that they have not been taxed. Repayment should be claimed where the income is within the limits of exemption or abatement. These limits are as follows:—Persons whose incomes from all sources for the three years ending April 5, 1897, did not exceed 160*l.* per annum, are, with few exceptions, entitled to exemption, and those whose incomes did not exceed 500*l.* to considerable abatements, while in many cases claims can also be made in respect of life-insurance premiums. The amount recoverable for the three years named may amount to upwards of 22*l.* on an income not exceeding 400*l.* per annum. A wife's income derived from a profession, employment, or vocation, where the joint income did not exceed 500*l.* for 1894-95, 1895-96, or 1896-97, is to be dealt with separately, the effect of which may be to give two abatements off the joint income, when the tax recoverable for these years might amount to 38*l.* For the current year the income of a married woman from trade may also be treated separately.

Persons in business whose average profits for the three years ending 1896-97 were less than the amount upon which they paid tax may claim on the ground of diminution of profits. A loss in business or farming can be set off against income from any other source. If any of your readers are in doubt as to whether they can make a claim, we shall be

pleased to tell them if they will send us full particulars of their incomes and a stamped directed envelope for reply.

Yours faithfully,
THE INCOME-TAX ADJUSTMENT AGENCY.
12 and 13 Poultry, London, E C.,
July 5.

DISPENSING NOTES.

This section is intended for the elucidation of dispensing difficulties. Subscribers and their employés may contribute to it, criticising any of the following notes or contributing notes on prescriptions which they have found to be of unusual interest.

Two Prescriptions.

SIR,—I send herewith copies of two prescriptions which I have had to dispense recently :—

Ext. belladonnæ	ʒj.
Ol. camph.	℥ij.
Ft. lin. m.d.u.	
Potass. iodid....	ʒij.
Quin. sulph.	ʒss.
Liq. arsen. hydrochlor.	ʒj.
Liq. ferri perchlor. fort.	ʒiv.
Glycerini	℥j.
Aquæ ad	℥viij.
M. Ft. mist.	

ʒss. t.d.s. p.c. ex aq.

What are the best methods to adopt in dispensing the above ?

Yours truly,
MALVALINE. (156/39).

[We used to make a good deal of the belladonna oil by rubbing down the extract with a few drops of weak spirit, then adding the oil drop by drop with constant stirring until a smooth mixture is obtained. With proper manipulation a fairly good liniment can be produced. The second mixture should not be dispensed, because by the interaction of potassium iodide and ferric chloride much iodine is liberated, and practically the whole of the quinine is precipitated by the free iodine. It is an exceedingly stupid prescription.]

Corassa Compound Again.

SIR,—The following printed "prescription" was handed over the counter by a young man a few days ago. The "prescriber" was stated to be a Mr. Jones, of Brighton, who I understand is a somewhat extensive advertiser in certain widely-read journals. After giving my opinion of the "prescription," my customer was strangely reluctant to answer my requests for information thereanent. I therefore send it to you for publication. Perhaps you or some of the *C. & D.* readers may be able to say what is given :—

Ext. corassa apimis	3 dr.
Ext. selarmo umbelifera	1 dr.
Pulv. alkermes latifolia	½ dr.
Ext. carsadoc herbalis	2 dr.

Mix well together in a mortar, and divide into twenty-five powders.

I am, yours truly,
POWDER. (157/25.)

[This is the prescription which the "Rev. Joseph T. Inman, of New York," gave to the world about fifteen years ago. He was at that time one or two young Englishmen who affected fast horses and ladies to match. It is interesting to learn that "Mr. Jones, of Brighton," has got hold of the prescription, which in plain English should read—

Powdered gentian	15 parts.
Powdered liquorice	15 ,,
Powdered sugar	50 ,,
Bicarbonate of soda...	17½ ,,
Powdered cochineal...	2½ ,,

This is an analysis of the medicine supplied by "Mr. Inman," whose prescription differed only from "Mr. Jones's" in the quantities, which were 8 dr., 4 dr , 3 dr., and 6 dr. Of course there are no such drugs as those named in the prescription.]

MISCELLANEOUS INQUIRIES.

Notice to Querists. *We reply to our subscribers and their employés only; queries must, therefore, be authenticated by the name and address of the subscriber. When more than one query is sent write each on a separate piece of paper. When a sample accompanies a query full particulars regarding the origin and use of the sample must be given, and the name of the querist should be placed on the sample. Queries are not replied to by post.*

158/46. *Rusticus.*—Such matters as you send do not come within the scope of this column—viz., matters of general interest to our readers.

154/6. *J. F. B.* **Glycerol Aloes.**—This is a very old remedy for lichen and eczema, which Dr. Lauder Brunton has rescued. It was originally made by dissolving alcoholic extract of aloes in glycerine, but the late Mr. A. F. Haselden about forty years ago found that the following formula is equally suitable :—

Socotrine aloes, in fine powder ...	℥ss.
Glycerine	ʒiv.

Mix well in a mortar and transfer to a bottle, shaking occasionally until all but the impurities of the aloes is dissolved. The bottle should be dipped occasionally in hot water to promote solution. Finally, strain the glycerol.

158/37. *W. P.*—**Lassar's Salicylic Paste.**—See *C. & D.* DIARY, 1897, page 479.

158/12. *Nemo A.*—**Surfeit-water** is liq. ammoniæ acetatis.

152/13. *W. P.*—**Poultry-powder.**—(1) There is a good formula in the *C. & D.*, May 15, page 781. (2) Yes; the book is now being put through the press as rapidly as possible.

152/63. *Nemo B.*—**Sterility in Women** we suppose you mean. For this see Dr. Robert Bell's book, published by Churchill at 5*s*.

152/56. *Glamford.*—The beetle-paste becomes brown owing to the formation of lead sulphide. You must either omit the red-lead or the carbon bisulphide—the former preferably.

155/15. *Salts.*—(1) **Lavender Smelling-salts.**—See *C. & D.*, July 4, 1896, page 33. (2) Sulphur **Skin-lotion.**—See *C. & D.*, January 2, 1897, page 38.

153/54. *Chemicus.*—**Roman Vitriol** is sulphate of copper.

154/1. *Freda.*—**Nosophen** is tetraiodophenolphthalein, and is an iodoform substitute. It is a greyish-yellow powder, insoluble in water, sparingly soluble in spirit, but soluble in ether and chloroform. It is a healing-powder, and is used similarly and for the same purposes as iodoform.

154/40. *Inquirer No.* 14.—(1) The **Saponaceous Starch-glazes** do not make the linen stiff. For that purpose borax must be added to the starch in the usual way, then the saponaceous powder applied before ironing. (2) **Ice-making Machinery.**—You have applied to the best sources. Small quantities of ice cannot really be made cheaply, as the initial outlay upon the plant is heavy, and it is more economical to put down plant to produce a maximum rather than a minimum supply.

150/64. *Anxious.*—**Warble-preventive.** See the formula on page 293, second edition, "V.C.P." This will keep flies off cattle and sheep if used according to directions given.

151/35. *A. S.* (N.S.W.) makes a **Horse-blistering Ointment** by digesting cantharides in heated lard for six hours, then adding hyd. iodid. rub., but it has a dull appearance. How can it be made bright ? [This blister is as formula on page 30, second edition, "Veterinary Counter-practice," and may be made brighter by straining the digested cantharides. But no client will object to the appearance once he has tried the preparation. For hot climates the addition of a small proportion of beeswax is an improvement.]

151/37. *Saloperian* writes: "**Foot-rot**:—In your veterinary book it says Burnett's fluid. Is that to be used neat, as it is, or what dilution? Burnett's is strong, representing, I believe, 1 lb. of zinci chlor. in 1 pint. Independent of above, can you oblige with a good, useful formula for a foot-rot liquid—one that will cure in one dressing?" [For a "Foot-rot liquid" that "will cure in one dressing" there is no better application than Burnett's fluid used full strength.]

154/55. *W. J.*—**White Guttapercha** is a mixture of zinc oxide and guttapercha. The zinc oxide must be in the finest possible powder. The following plan is suitable for making it:—To 2 oz. of zinc oxide add 6 oz. of liq. guttapercha, mix thoroughly, and spread into sheets, and cut the white guttapercha into suitable pieces.

154/25. *Rheumatics.*—Before we report upon your sample we should like to know more about it—*e.g.*, who sells it, and what dose is taken, and how? See the regulation printed at the head of this section.

153/50. *Essex.*—**Kali Lauge** is German for potash-lye. A 5-per-cent. solution (say liq. potassæ, B.P.) would be suitable for staining leather a chestnut colour.

153/44. *T. E. P.*—We do not know what the **Spirit of Tar** is which metal-workers use for cleaning the surface before enamelling. It is, we are informed, a trade secret; but, if you could get a sample of it, there would be little difficulty in finding it out.

157/5. *R. R.* (Marseilles) asks us what we think of the following formula for **Sticky Fly-papers**?—

P. resinæ	℥j.
Theriacæ	℥iss.
Mellis	℥iss.
Ol. lini	℥ss.
Ol. ricini	℥v.

We think it is ridiculous. All that is wanted for sticky fly-papers is a mixture of boiled linseed oil 3 to 4 parts, castor oil 1 part (or more if a resin is used, such as gum thus 1 part). There is no need for adding honey; a little animal matter such as stale dripping is much better, as flies are attracted better by the smells of decay than by the odours of flowers.

156/38. *Wine-presses* (Gibraltar).—**Gelatine-solution for Labelling.**—As an adhesive agent the best solution is—

Gelatine	℥j.
Acetic acid	℥ij.
Glycerine	℥ss.
Water	℥iv.

To be used hot. For painting the labels before varnishing use a hot solution of 1 part of gelatine in 16 parts of water.

155/49. *M. N.*—**Arsenical Fly-papers.**—The following is the solution to use:—

White arsenic	℥ij.
Carbonate of soda	℥ij.
Honey	℥iij.
Water	Cong. j.

Boil until dissolved.

The papers are dipped in this solution and hung on a string to dry.

157/17. *Gloucester.*—**Amenorrhœa Mixture**:—

Ferri ammon. cit.	ʒij.
Tr. aurantii	℥ss.
Aq. chloroformi ad.	℥viij.

Ft. mist.

Dose: A tablespoonful thrice daily, with one or two pil. aloes et ferri occasionally to regulate the bowels.

151/70. *B. P.*—There are no books of the kind in English likely to give you the information you desire. You will find Thorpe's "Dictionary of Technical Chemistry" useful. It is published by Longmans at 7*l.* 7*s.*

158/32. *A. B. C.*—Burning sulphur in a greenhouse containing living plants is an unheard-of proceeding, and we are not surprised that your customer is troubled about the washed-out condition of his plants. The more hardy of them will, however, get over it.

158/27. *Glendower.*—We have obtained the colour, and cannot understand why you have not. However, if you add some alkaline solution of annatto you may succeed better.

157/68. *J. G.*—We really cannot say; the matter is not in our line of business at all.

157/74. *T. F. W.*—**French Polish** is better made with methylated spirit than with wood naphtha. Too rapid evaporation is not desirable when polishing.

158/11. *Catarrh.*—Nitre-paper is the first article. The second you have not copied properly.

152/42. *Summer Drinks.*—The following are the quantities of ingredients to add to 10 oz. of citric or tartaric acid for the subjoined:—

Raspberryade.—Essence of raspberry, ℥ss.; fuchsine, gr. ij.
Strawberryade.—Similar to raspberryade, with essence of strawberry.
Gingerade.—Gingerin, ʒss.; oil of orange, ♏x.; spirit-colouring, ʒj.

To be mixed with the acid before powdering, and put up in ¾-oz. packets, labelled as under:—

DIRECTIONS.

To this packet add ½ gall. of boiling water and 1 lb. of lump sugar. Stir till dissolved; then add 1½ gall. of cold water, and the [whatever it may be] is ready for use.

For syrup add to this packet 1 lb. of lump sugar and 1 pint of boiling water; stir till dissolved. This may be diluted for use as required; about a tablespoonful to a tumbler of water.

154/18. *S. Turner.*—**Bay Rum.**—See *C. & D.*, July 25, 1896, page 147. "Rhum" is not an English word.

159/59. *Exon.*—**Preservation of Cider.**—Add 10 to 15 gr. of salicylic acid to each gallon of fresh cider.

INFORMATION WANTED.

The Editor will be obliged for replies to the following from any who can furnish the information.

157/64. What is the composition of "Shepherd's red," a preparation for coughs used in Maidstone?

157/53. Murphy's oxypharmican: where obtainable or who makes?

153/19. What are "Healing-powder" and "Fresh liquor" as sold in Redditch district?

159/2. The address of maker of compressed tablets (flat), ¾-inch diameter, ⅛-inch thickness.

THAT YOUNG MAN whom we reported last week to be wanted by the police is still free, and is making use of other firms' name. He is fair haired, has blue eyes, is about 5 ft. 7 in. high, between 30 and 40, and clean shaven. He wastes business-men's time with his bicycle-and-lost-watch story—which is old and false.

FOR SWEATY FEET.—Dr. W. H. Burgess (an American doctor) told a patient to paint the soles of her feet with 2-per-cent. solution of potassium permanganate. It cured her. Next time she saw him she remarked, "Doctor, since I have been painting my feet with this medicine I notice I can read without my spectacles. Do you think it has any effect on the eyes as well as on the feet?" No American answer is recorded.

JUBILEE AMULETS.—Melville W. Carmichael, of New Bond Street, sued Sharp Brothers (Limited), of Red Lion Square, in the Westminster County Court on Thursday, for 7*l.* 14*s.*, the value of 4 gross of Jubilee amulets, violet-perfumed medals. The defendants had bought 10 gross, but they returned 4 gross, saying they were spotted and discoloured. Judge Lumley Smith gave judgment for plaintiff for 5*l.*, with costs.

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found in **VINOLIA SOAP.**

Extract from "Johannesburg Standard and Diggers' News":—

KIMBERLEY, 29th (Special).—Jan Jacobus Nel was again before the Magistrate to-day.

The principal witnesses were still absent, but the affidavits were read to the effect that in a station near Riverton Road, a parcel was found addressed to "Miss Beauty, care of J. J. Nel, Riverton Road." It was examined on April 21st by Acting Chief Detective Idebski, and was found to contain tablets of

VINOLIA SOAP

and a pair of baby's shoes. In them were found nine rough and uncut diamonds, weighing about six carats. This parcel, two days afterwards, was handed to Nel, Detectives De Kock and Idebski witnessing the transfer from a place of concealment in the station.

The accused was remanded till Monday, bail being refused for the present, the Magistrate adding that he had been informed that possibly justice might be defeated in the event of his granting bail.

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is an excellent substitute for Cod-liver Oil. Whereas Cod-liver Oil is generally discontinued by patients during summer-time, this preparation may be taken all the year round.

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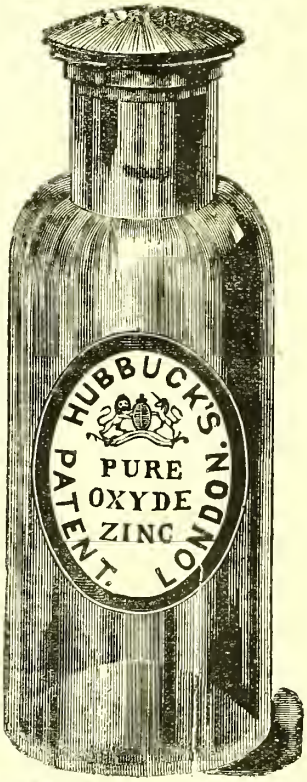

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GENTLEMEN,—I notice your Ad. in the *C. & D.* for Saturday last. Please send me a copy of your Price-list, &c. With reference to your offer regarding the saving you can give the trade, if your list is satisfactory I will give you an opportunity of verifying the same.

Yours truly, ———

———, Newcastle, March 11, 1897.

GENTLEMEN,—Your Price-list and Samples to hand. I must honestly confess your prices are really an eye-opener: if the goods are as satisfactory in quality as in price, I shall be pleased to do a good trade with you. Please send on the enclosed trial order at your earliest convenience, and oblige,

Yours truly, ———

———, Newcastle, March 27, 1897.

GENTLEMEN,—I reply to yours, I have pleasure in stating that I am perfectly satisfied with the goods I have received; the quality is quite equal to what I have previously had (and I have always been particular in buying the best of everything), and you are quite within bounds in stating that your prices are from 25% to 50% below the usual charges. If you continue to give the same satisfaction, I shall give you my entire trade in the lines you carry, which, though perhaps not a very big item with the retail chemist, your offer to pay carriage on small lots makes it worth any chemist's while to remember you for these goods. Nowadays, when there is so much competition to meet, one must watch the buying end closely, as you state in your Ad.

I am, Gentlemen, yours truly, ———

This is the Grist of over 100 Letters we have lately received.

Send your Name and Address, and we will put you in a position to say the same.

BROOK, PARKER & CO., WHOLESALE DRUGGISTS,
BRADFORD.

C. R. HARKER, STAGG & MORGAN

Manufacturing Chemists, Wholesale and Export Druggists,

15 LAURENCE POUNTNEY LANE, LONDON, E.C.

INVITE ENQUIRIES FOR

CASCARA } Preparations.
IPECACUANHA }

MUSK & VANILLA ESSENCES

EMULSIONS { Cod-liver Oil, Petroleum

CONCENTRATED LIQUORS
For Syrups and Tinctures

SYRUPS { Hypophosph. Co., Eastonii, Parrish's

LIQUORS { Papain et Iridin, Euonymin et Cascaræ, Caulophyllin et Pulsatillæ, &c.

SOLUBLE ESSENCES.

FRUIT ESSENCES.

LIQUID ANNATTO.

HERB EXTRACT.

"TORPEDO" HORSE BALLS, &c.,

And all other kinds of Pharmaceutical Preparations.

The Hon. Surgeon to his Excellency the Viceroy of India prescribes "CLARKE'S BLOOD MIXTURE" largely, and speaks highly of its efficacy in skin affections, &c.—A. JOHN & CO., Chemists, &c., Agra, India.

Counter Bills and Posters, with Name and Address also Show Cards, on application. Printed matter supplied in any Language for Foreign Agents.

CAUTION.—Immediate proceedings will be taken against all persons pirating the Trade Mark, "Blood Mixture" (Registered No. 3,275), Labels, Wrappers, Bills, or Advertisements, or in any way infringing the rights of the Sole Proprietors,

THE LINCOLN & MIDLAND COUNTIES DRUG CO., LINCOLN, ENGLAND.
42

A GOOD PROFIT!

ALL RETAILERS SHOULD STOCK

GOLDEN NUGGET OINTMENT

For PILES.

1/1½ sizes, Wholesale Price 9/6 per doz.

WILTON & CO., LTD.,
17 Withy Grove, MANCHESTER.

DIAMOND EMERY CO.

(LIMITED).

DIAMOND BRAND.

MANUFACTURERS OF

EMERY STONE
EMERY CORN (all sizes)
EMERY RUBBERS
EMERY FLOUR
EMERY PAPER
EMERY CLOTH
GLASS PAPER
GLASS CLOTH
GROUND GLASS
BLACKLEAD
LUMP & GROUND PUMICE
SILVER SAND
ROTTEN STONE
DIAMOND KNIFE POLISH and POLISHING PASTE
FRENCH CHALK (Superfine Angel White), specially for Druggists

CONTRACTORS TO THE ADMIRALTY.

Head Office—136 THE ALBANY, LIVERPOOL.

Works—Garston Docks. Telephone, 959.

Guy's Tonic Sales Are Rapidly Increasing.

Write at once for Book of Seventy-six Pages. Full of information interesting to Chemists. Address:

Guy's Tonic Co.

12 Buckingham Palace Road, London, S.W.

ROBARE'S AUREOLINE

Or GOLDEN HAIR WASH.

4-oz. Bottles, 32/-; 10-oz. Bottles, 64/- per doz.

To be obtained Wholesale from R. HOVENDEN & SONS, & from all the principal Patent Medicine Warehouses in London

GENUINE EMERY, EMERY CLOTH, AND BLACK LEAD.

JOHN OAKEY & SONS, LIMITED,

MANUFACTURERS OF

Glass and Flint Paper, Emery and Glass Cloth; Emery, Black Lead, Emery Wheels, Pumice, Putty Powder, Crocus, Urn Powder, Tripoli, Rouge, Plate Powder, Steel Polish, Furniture Polish, Knife Boards, Brunswick and Berlin Black, &c.

OAKEY'S WELLINGTON KNIFE POLISH

Prepared expressly for Oakey's and other Knife Boards, Buff Leather Boards, and all the Patent Knife Cleaning Machines. Sold in Canisters with perforated Tops to prevent waste, at 1*d.*, 2*d.*, 3*d.*, 6*d.*, 1*s.*, 2*s.* 6*d.*, and 4*s.* each.

OAKEY'S NON-MERCURIAL SILVERSMITH'S SOAP,

For Cleaning and Polishing Silver, Plate Glass, Marble, &c. Tablets, 6*d.* each.

OAKEY'S "POLYBRILLIANT" (REGISTERED).

A Magic Pomade for Cleaning Brass, Copper, Tin, Pewter, Britannia Metal, &c. Never becomes dry and hard like other Metal Paste. Tins, 1*d.*, 2*d.*, 3*d.*, and 6*d.* each.

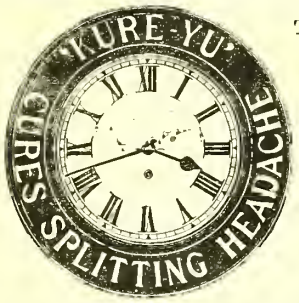
WELLINGTON BLOCK BLACK LEAD,

In 1*d.*, 2*d.*, and 4*d.* Blocks, and 1*s.* Boxes.

WELLINGTON EMERY & BLACK LEAD MILLS, Westminster Bridge Road, London, S.E.

Highest Award and Prize Medal, Philadelphia Exhibition, 1876; and Boston, 1883. Gold Medal, Crystal Palace, 1884.

43



Telegrams and P.O.O. to be sent to

SLACK, HILL TOP,
West Bromwich.

KURE-YU FACTORY,
WEST BROMWICH,

July 9, 1897.

DEAR SIR,

We have pleasure in sending you particulars of terms for Kure-Yu, in 1/- boxes, as below (20 powders in a box):—

Kure-Yu, per dozen 1/- boxes, 8/9.

Quantities for 4 dozen and over subject to liberal discounts.

Quantities under 3 dozen are net.

Quantities over 12 dozen, extra 2½ per cent.

Bonuses for prompt cash are: With orders of 3 dozen, 5,000 Illustrated Handbills with your name at foot.

Orders of 4 dozen, MOVING MODEL CLOCK NIGGER, with moving eyes (clock keeps time), and 1,000 plain Handbills without name.

Orders of 6 dozen, Clock Nigger and 5,000 Handbills.

Orders of 12 dozen, Clock and 5,000 Handbills, as per above illustration.

Accounts not paid in 3 months are net.

All orders, handbills, &c., &c., carriage paid.

May we send you 4 dozen, with Clock Nigger and 1,000 Handbills?

Yours faithfully,

BRIDGWATER'S LIMITED.

WE, the undersigned, are prepared to take up the SOLE AGENCIES for the sale of "Patent and Proprietary Medicines" and other Specialties relating to Medicine and Surgery.

WRITE, STATING TERMS, TO

SMITH & SONS

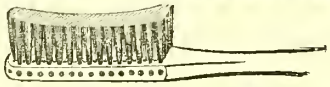
(Chemists in Ordinary to H.E. the Governor of Madras),

OOTACAMUND.

R. ADDIS & SON.

THE

"EVERFAST" TOOTH BRUSH

PATENT  No. 6,645.

WARRANTED LONDON MADE.

These Brushes are Manufactured on an entirely new principle.

In addition to the ordinary means of securing the bristle, holes are drilled through the sides and our "Everfast" cement intermingled with the bristle. By this original process every knot is so securely fastened that it is impossible for even a single hair to come out, the danger and unpleasantness of loose bristles in the mouth being completely removed. Only materials of first-class quality used.

To be OBTAINED of all WHOLESALE HOUSES & MERCHANTS.

The FOLLOWING WHOLESALE HOUSES STOCK

Sen-Sen

And can supply you on the best terms:—

6/- *Per Box of—* **40 3d. Pkts., and 40 Free Samples.**

W. Edwards & Son, London.
W. Sutton & Co., London.
Barclay & Sons (Limited), London.
Lynch & Co. (Limited), London.
Butler & Crispe, London.
F. Newbery & Sons, London.
J. B. Hay & Co., London.
S. Maw, Son & Thompson, London.
R. Hovenden & Sons, London.
May, Roberts & Co., London.
J. Sanger & Sons, London.
J. Woolley, Sons & Co. (Limited), Manchester.
Oldfield, Pattinson & Co., Manchester.
Joseph Brooks, Manchester.
John Thompson (Limited), Liverpool.
Evans, Sons & Co., Liverpool.
H. Jackson & Sons, Liverpool.
The City Drug Co., Liverpool.
The Hull Drug Co., Hull.
W. & R. Hatrick, Glasgow.
James Taylor, Glasgow.
Raimes, Clark & Co., Edinburgh.
John T. Coats, Edinburgh.
Inman's Stores (Limited), Edinburgh.
J. H. Inman & Co. (Limited), Newcastle-on-Tyne.
J. Ismay & Sons, Newcastle-on-Tyne.
Raimes & Co., York.
Bleasdale (Limited), York.
White & Son, Bradford.
J. Savage, Bradford.
W. Foggitt, Thirsk.
Thos. Ridley, Carlisle.
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BEST SELLING CACHOU IN THE WORLD.

SEN-SEN COMPANY,

9 Farringdon Avenue, LONDON, E.C.

Chemists' "Own" "Specialities."

BLEASDALE, LIM.
YORK.

WHOLESALE CO-OPERATIVE DISTRIBUTORS & MANUFACTURERS FOR CHEMISTS.

Managed by Chemists.

WRITE FOR PRICE LIST.

DR. SCOTT'S BILIOUS & LIVER PILLS.

The Proprietors of the above well-known Pills have decided in the interest of the Retail trade to stop all further cutting and allow a reasonable profit, and in so doing hope to secure the goodwill and co-operation of all respectable Chemists and Druggists.

A GOOD PILL and GOOD PROFIT.

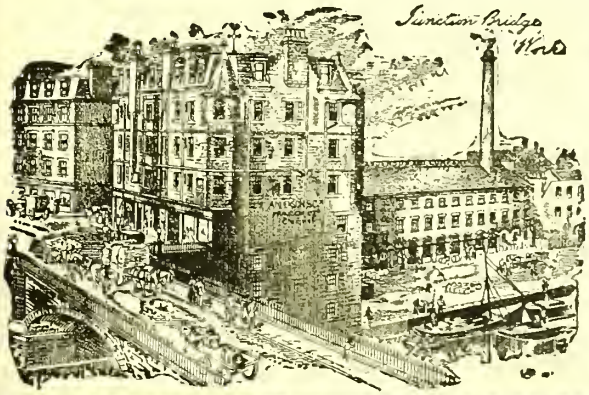
1/1½ size	Wholesale Price,	10/-	per dozen.
,, ,,	Minimum Retail Price,	1/-	,, box.
2/9 ,,	Wholesale Price,	24/-	,, dozen.
,, ,,	Minimum Retail Price,	2/6	,, box.

The proprietors will be obliged if Chemists will report all cases of Cutting to

THE SECRETARY, PROPRIETARY ARTICLES TRADE ASSOCIATION,
2 and 3 STONECUTTER STREET, E.C.,

who will see that the Cutting is stopped or supplies withheld.

Messrs. LAMBERT & CO. will be pleased to supply Handbills, with Name and Address, CARRIAGE PAID, on receipt of Business Card direct to 173 Seymour Place, London, W.



EXTRACT OF MALT

HOME.] AND [EXPORT.

ITS COMBINATIONS.

GUARANTEED ABSOLUTELY PURE AND OF HIGH DIASTASIC VALUE.

TRIAL ORDER SOLICITED.

ANDERSON & CO., Wholesale Manufacturing Chemists,
EDINBURGH.

X RAYS PILLS.

An excellent Remedy for Biliousness and all Liver and Kidney Complaints.

A GOOD PILL AND PROTECTED PROFIT.

1/1½ Size	Wholesale Price,	9/-	per dozen.
,, ,,	Minimum Retail Price,	1/-	per bottle.
2/9 ,,	Wholesale Price,	24/-	per dozen.
,, ,,	Minimum Retail Price,	2 6	per bottle.

PREPARED ONLY BY THE

RAYS MEDICINE CO., North Parade & Manor Row, **BRADFORD.**

Handbills supplied free, with Name and Address, on receipt of Business Card direct to above address.

AGENTS WANTED EVERYWHERE.

They stand alone in their might.

The "GIANT" Remedy,

BOX'S PILLS

Re-christened by the Americans

"THE GREAT ENGLISH REMEDY,"

Grapple with and triumph over disease with perfect ease.

Price 1/1½, 2/9, 4/6, 11/-, and £1 1s. per box.

Prepared by

W. H. BOX, 161 KING ST., PLYMOUTH.

FORD, SHAPLAND & CO.,

CHEMISTS' AND GENERAL PRINTERS, LITHOGRAPHERS, ENGRAVERS, &c.,

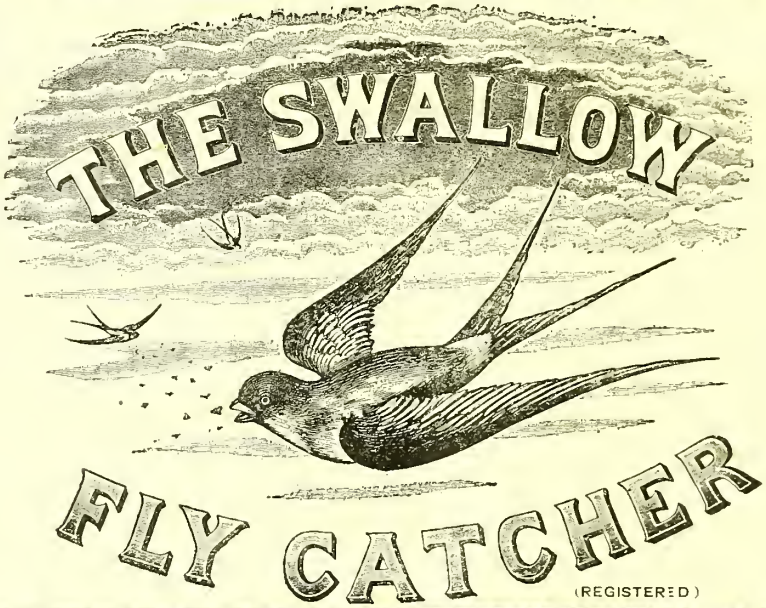
6 GREAT TURNSTILE, HIGH HOLBORN, LONDON, W.C.

STICKY FLY PAPERS

SUPERIOR TO ALL OTHERS.

"DEMON" FLY LURE (Registered).

"Advertisement" FLY PAPER.



ALSO Chemically Prepared Fly Papers.

Samples and Prices on application.

DAY, SON & HEWITT.

Largest Makers in the World of

HORSE AND CATTLE MEDICINES.

For Kicks, Cuts, Bruises, Sore Withers, Swellings Strains of Ligaments and Tendons, Saddle Galls &c. It rapidly relieves Straining and Paining after Calving and Lambing, and is the remedy for Swollen Udders and Sore Teats.

Price 2/6, 3/6, and 7/- per Bottle.

For all Feverish Disorders among Cattle, Sheep, and Pigs, and for Colds, Indigestion, Costiveness, Yellows, Surfeits, Loss of Cud, Hide-bound, Red Water, &c. Admirably adapted for Cleansing and checking Feverish symptoms in Cows and Ewes after Parturition, rendering the milk copious, pure, and wholesome. It acts as a safe preventive of milk Fever.

Price (Cows), 13/- per doz. box; (Ewes), 3/6 per doz. 3-doz. box, 10/-

Complete in 3 sizes. Sent Carriage Paid.

Prices—

£6 6s., £2 16s. 6d., and £1 8s. 9d.

Liberal Discounts to Agents and Foreign Buyers.

Trade Terms and full particulars on application.

Attractive Showcards and Handbills sent with each order.

A sure remedy for the Fret, Colic or Gripes, Influenza, Loss of Appetite in Horses. For Debility, Scour, or Diarrhœa in Horses, Cattle, and Sheep. Hoven or Blown Cattle and Sheep instantaneously relieved.

Price 1/9 per Bottle. 20/- per doz.

For Blood Disorders in Horses, Eczema, Surfeits, Nettle-rash, Ringworm, Itching, Ill-Condition, Off Appetite, Staring Coat, and Sluggishness. Invaluable for Sterility or Barrenness in Horses and Mares, by virtue of its Phosphoric and other stimulating ingredients. Contains no injurious drug and can be given at all times to all breeds of horses without stopping their work.

Price 5/6 per doz. Packets; 3-doz. 15/-

Sold also at reduced rates in Tins 10/6 and £1 each.

Royal Animal Medicine Manufactory, 22 DORSET STREET, LONDON, W. [Established 1833.]

THE CELEBRATED

PAPIER MOURE

OR, FRENCH CHEMICAL PAPER.

GUARANTEED NOT TO CONTAIN ANY OF THE SCHEDULED POISONS.

Price per 1,000 ... ... 20s.

6d. Books, containing 16 Leaves ... 4/- per doz.
3d. „ „ 8 „ ... 2/- „

5% off Monthly Account.

Not less than £5 worth, 10% off Invoice and 5% off Monthly Account.
„ „ £10 „ 15% „ „ 5% „ „

For Original of the annexed, see "PUNCH," August 8th, 1857.

"Death to the Flies!"

So oft I've said, Ah, drat the flies!—and now at last my prayers is granted;
For at the chemist's shop you buys the very thing I always wanted:
That "PAPIER MOURE"; and blessed be whoever found out that invention,
Which is a secret as you see the shopkeepers decline to mention.

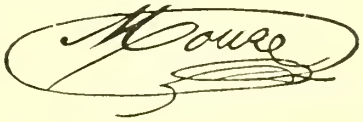
Like blotting paper it appear—a sort of greyish reddish tinted,
With wopses, flies, and insects queer, and forin language on it printed;
You takes and puts a little bit into a saucer or a basin,
A drop of water pours on it, and sets it some convenient place in.

They buzzes into it, bizwiz, attracted by the hopes of suction;
And I can truly tell you 'tis their certain death and sure destruction.
No dirty, dauby, plaguy mess, all smeary, treacly, fulsome, sticking,
Nor none of that unpleasantness to see the nasty creatures kicking.

They comes and drinks, away they flies; you sees no more of them there ribels,
Out of your sight they goes and dies, like rats and mice that pison nibbles.
"Catch-'em-alive-o's!"—fiddlestick! I say, let them speak as have tried 'em;
To kill the swarming divils quick, they ain't for to be named 'longside 'em.

Which also, though they're pison rank to flies and all sich-like Philistians,
Don't injure cats, which goodness thank, and has'nt no effect on Christians.
At least they say so—as to that, they may or mayn't hurt one nor t'other;
I wouldn't try 'em on my cat if I could try 'em on another.

Ask for PAPIER MOURE, and be careful that each sheet bears the signature—



Sole Agents for Great Britain and Ireland and the Colonies.

WHOLESALE BY

S. MAW, SON & THOMPSON, 7 to 12 Aldersgate Street, LONDON.

A LIBERAL SUPPLY OF HANDBILLS, AS ORIGINAL FROM "PUNCH."

CALVERT'S

Carbolic Disinfectants,

SOAPS, TOOTH POWDER, OINTMENT, &c.

Are the ONLY RELIABLE PREPARATIONS.

Awarded 76 Gold and Silver Medals and Diplomas.

F. C. CALVERT & CO., P.O. Box 513, MANCHESTER.

DUSSEK BROS. & CO.

MANUFACTURERS OF

SANITARY FLUID

Of all strengths, soluble in water to any extent, forming a milky solution.

CARBOLIC ACIDS

Crude and pale, of all strengths.

CARBOLIC POWDERS

All Colours, containing 5%, 10%, 15% genuine Carbolic Acid. Packed in Casks, Bags, and Tins of all sizes.

PATENT 'SANO' FLUID

A superior Disinfectant for Hospital and indoor use. Soluble in Water.

COAL TAR & ROSIN PRODUCTS, GREASES, OILS, VARNISHES, DUBBIN, AND PITCH of all kinds.

DUSSEKS WHARF, VERNEY ROAD, S.E.

Telegrams "DUSSEK LONDON." Telephone No. 8,239.

BOWDLEAR'S FLOOR WAX

Testimonials from the most prominent teachers in the United States.

Testimonials from the most prominent teachers in the United States.

Pulverised. For Dancing Floors. Is not white. Will not ball on the feet. Will not soil clothes. All ready. Anybody can apply it.

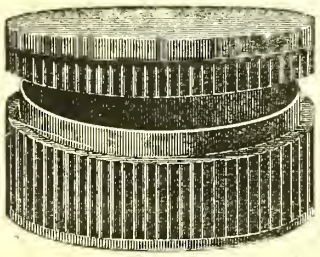
The floor must be clean and free from oil. Sprinkle, and the dancers will do the rest. Put up in pound packages, in cases of 36 pounds.

One pound is sufficient for a floor space of 10,000 square feet, and if not wasted will be found to go four times as far as anything else on the market. No dust is another feature in its favour.

SAMPLES SENT ON REQUEST.

W. H. BOWDLEAR & CO., 149 Pearl St., Boston, Mass., U.S.A.

THE "STIPENDUM" STOPPER CO., LIM.



47 LAMB'S CONDUIT ST., LONDON, W.C.

MANUFACTURE THE FOLLOWING SPECIALITIES—

"STIPENDUM" CORK STOPPERS, in all sizes.
"STIPENDUM" CORK-LINED CAPS, for Pomade Bottles.
"STIPENDUM" OPENERS, for Stoppered Aerated-water Bottles

"STIPENDUM" GREASE-PROOF COVERED POTS,

IN TERRA COTTA, CHOCOLATE, AND BLACK.

The Grease-Proof Covered Pots have perfectly-fitting lids, are practically unbreakable, and the only articles really answering the purpose intended.

To be had of all Druggists' Sundriesmen. Wholesale only of the Company.

PUSH??

You say you do. But do you buy at prices that will enable you to push successfully? That is the great and difficult question of to-day.

The answer is very easily given. It is simply, Send to

FLEMING'S OIL AND CHEMICAL COMPANY, LIMITED

for an Original Keg of their guaranteed pure

INSECT POWDER FROM CLOSED FLOWERS.

Their prices cannot be resisted. Samples and Quotations on application.

Drugs, Chemicals, Hotel Specialities (Double Cross Brand), Packed Drugs, &c., all of A1 quality at lowest prices.

MIKADO MOTH PAPER.
Specially adapted for Folded Cloths, closely-packed articles, &c. 1*s.* per box.

ALABASTRINE TABLETS.
For placing in Wardrobes, Chests, Cupboards, &c. 1*s.* per box.

CRYSTALLISED CAMPHYLENE
For scattering under Carpets, into Crevices, amongst Furniture, &c. 1*s.* per tin.

LIBERAL DISCOUNT GIVEN TO WHOLESALE BUYERS AND RETAILERS.

Procurable through all Wholesale Houses, or direct from the Sole Manufacturers—

FLEMING'S OIL & CHEMICAL CO., LIM., 101 LEADENHALL STREET, E.C.

INSURANCE AGAINST THE RAVAGES OF MOTHS.

RUDKIN'S MOTH-BRICKS

(REGISTERED).

When USED ACCORDING TO DIRECTIONS, are thoroughly effective for 3 or 4 years. They have been perfected by many years of experience. They may be sold with confidence. They are attractively put up, and sell at sight if given the chance. They are really the cheapest thing of their kind in the market.

Price 6d. each, or 5/6 a dozen retail.

OF ALL THE LONDON WHOLESALE HOUSES, AND DRANE, CARDIFF.

In 1 and 2 gross boxes, or tin-lined cases for export of 50, 100, and 250 dozen.

OKELL'S ORIGINAL MONA BOUQUET

(First introduced by the late JOSEPH OKELL.)

Registered Trade Mark, "DOUGLAS PIER."

The most popular and best-selling Perfume in the market.
Retail Prices, 1/-, 1/9, 3/6, 6/-, 7/6, 10/6 per Bottle.

ALSO 3d. SAMPLE BOTTLES.

Shippers and Wholesale Buyers supplied on the best terms by

THOMAS WEST, 1185 & 1187 CHESTER ROAD, STRETFORD, MANCHESTER.

GERMOL

NEW AND POWERFUL DISINFECTING FLUID.
(NON-POISONOUS.)

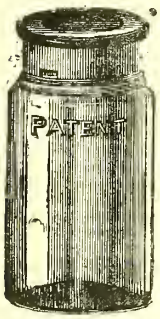
More powerful than Carbolic Acid, and does not stain or burn in use.

"MICROBMORT" FOR SURGICAL USE.
GERMOL SANITARY POWDER.
GERMOL SHEEP DIP. GERMOL SOAPS.

Samples and Particulars on application to the Sole Manufacturers—

READ HOLLIDAY & SONS, LIMITED,
HUDDERSFIELD, ENGLAND, & NEW YORK, U.S.A.

R. H. BARRETT'S PATENT CAPPED BOTTLE



The only REALLY PERFECT Bottle for Vaseline, Pomades, Dry Powders, &c.

PRICES. Tall Series:—

Fitted with STRONG METAL CAPS, CORK-LINED; in Various Colours, very attractive in appearance:

1 oz. 11/-; 1½ oz. 11/6; 2 oz. 12/-; 3 oz. 15/-; 4 oz. 16/6 per gross, &c.

Special Prices on application for Quantities.

CHEMISTS' AND PERFUMERS' BOTTLES IN GREAT VARIETY, PLAIN OR STOPPERED.

R. H. BARRETT,

FLINT GLASS BOTTLE WORKS.

THE OVAL, CAMBRIDGE HEATH, LONDON, E.

Telegraphic Address—"FOREFRONT LONDON."

H. POTHS & CO., 3 Creechurch Lane, Leadenhall Street, E.C.

SHOP BOTTLES AND JARS WITH VITRIFIED (BURNT IN) LABELS.

METAL SCREW-CAP BOTTLES, GLASS MEASURES, STOPPERED BOTTLES, &c.

Buyers are requested to pay a visit to our New Showrooms.

STOKES'

CASH TILL.

Reduced Price **47/6** *Latest Improvements*

(Sent on Trial seven days, on receipt of two references.)

Particulars and Testimonials on application.

G. R. STOKES & CO., LTD.

HANLEY, STAFFS.

DISPENSING BOTTLES.

THE NORTH LONDON GLASS BOTTLE COMPANY

(I. ISAACS & CO., Proprietors)

Beg to inform the Trade that they have made a further reduction in the price of their Bottles, as follows:—

The NEW SHAPE FLAT BOTTLES, with rounded edges, plain or graduated—

3 & 4 oz. .. *7/6* per gross.	10 & 12 oz. .. *12/-* per gross.
6 ,, 8 ,, .. *8/6* ,,	16 ,, .. *16/-* ,,

WHITE MOULDED PHIALS, plain or graduated Teaspoons—

½ oz. .. .. *3/6* per gross.	1½ oz. .. .. *4/6* per gross.
,, ... *3/9* ,,	2 ,, ... *5/-* ,,

PLEASE NOTE.

Six gross and upwards, assorted or otherwise, are carriage paid to any address in England; smaller quantities not carriage paid.

I. ISAACS & CO., Glass Bottle Manufacturers,

106 MIDLAND ROAD, ST. PANCRAS, LONDON.

Established 50 years. *Bankers—London and Westminster Bank.*

ANTISEPTIC DRESSINGS.

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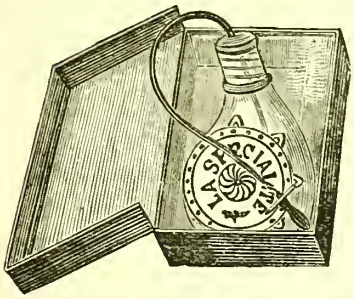

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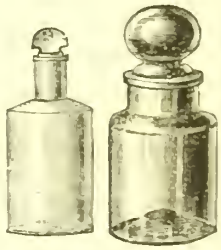

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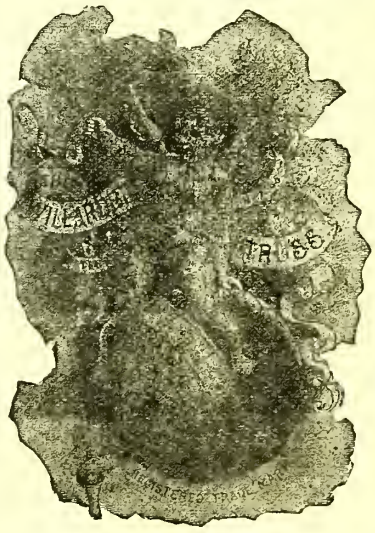

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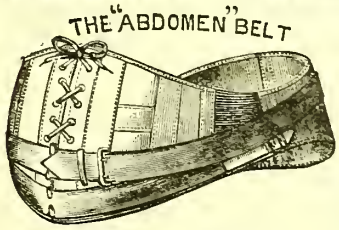

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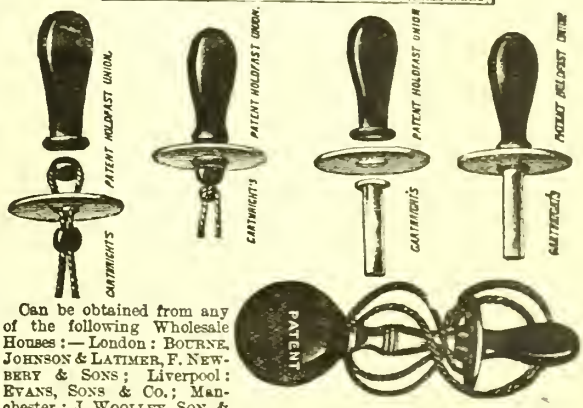

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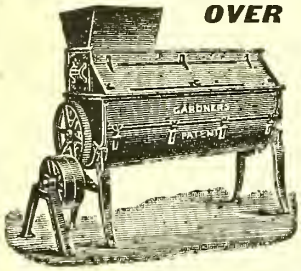

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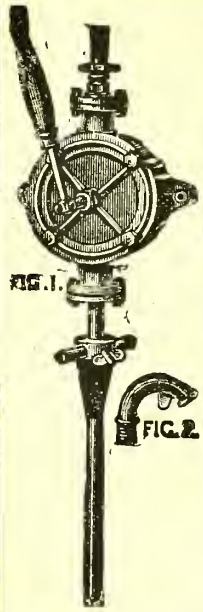

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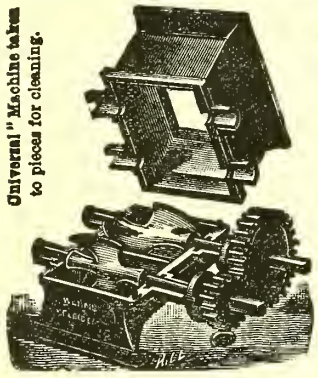

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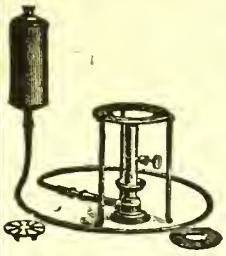

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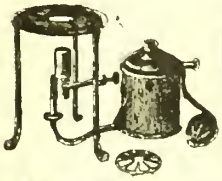

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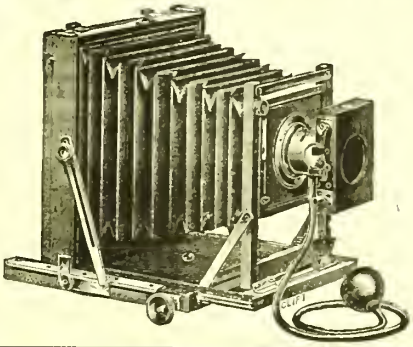

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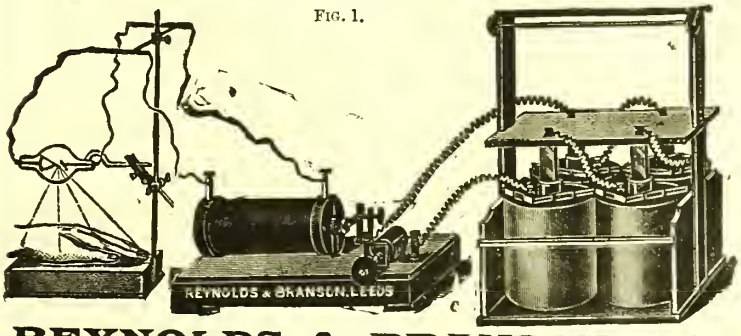

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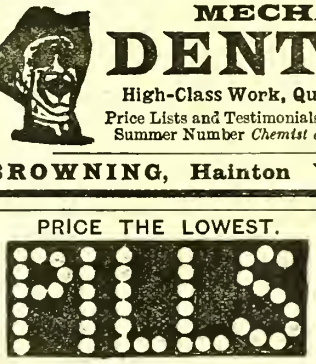

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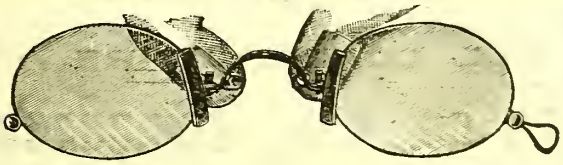
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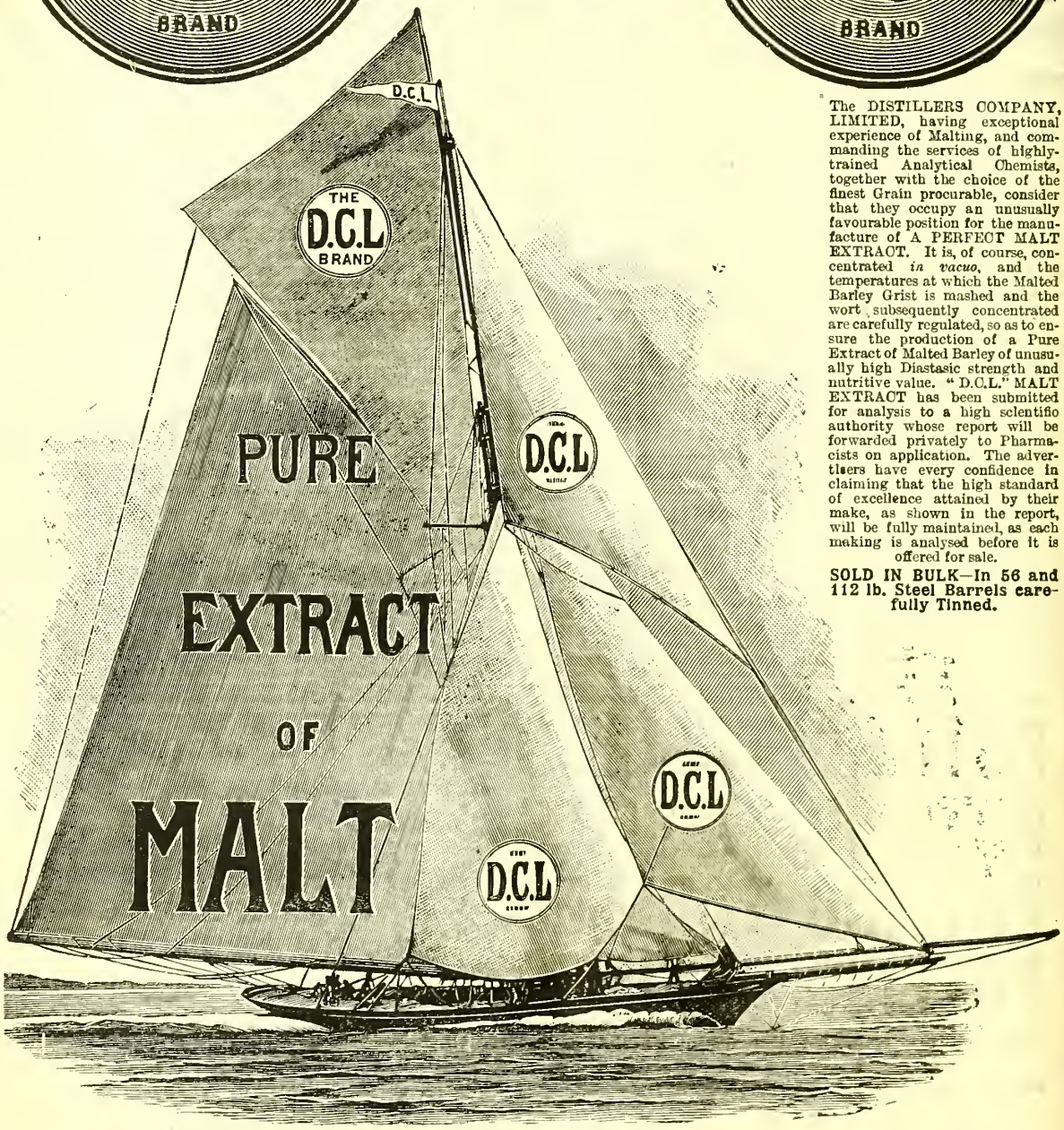

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